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ZINC ROOFING.

ZINC ROOFING.

F. B. and Co., in addition to their general business in Sheet and Perforated Zinc, Iron Tanks, Galvanized Corrugated and Flat Iron Sheets, Plumbers' Brass Work, Sheet Lead, Lead Pipe, Aluminum, Wire Netting, Felt, Nails, Paints, Enamels, &c., have for many years past devoted special attention to ZINC ROOFING in all styles, Plain and Ornamental.

One most important consideration is to have the Purest possible Zinc, and in order to ensure this the Vieille Montagne Mining Company (whose Manufacturing Agents "F. B. and Co." have been for more than 50 years) produce a special quality for this firm, and each sheet is stamped

"ROOFING ZINC"

"F. BRABY
& Co."

F. B. & Co.'s experience has led to their introducing and Patenting various important improvements, and these have been adopted and approved by Her Majesty's Government, the Railway Companies in Great Britain, India and the Colonies, by Dock and Harbour Boards, and other important Corporate Bodies, and by many of the principal Architects of the United Kingdom. Zinc Roofing so fixed has, in all instances, given perfect satisfaction.

Some idea of the widely spread use of "F. B. & Co.'s" Zinc may be gained by a perusal of the following list of some of the Roofs Covered by them: -

Her Majesty's Dockyards.

Woolwich Arsenal.

Liverpool Docks.

Great Eastern Railway.

Charing Cross Railway Station

Cannon Street "

London Bridge "

Metropolitan Several Stations.

Great Western "

South Western Railway Stations.

South Wales "

Great Northern Railway Many Stations.

London and North Western Willesden, Chalk Farm,

Liverpool, and many other Stations

London, Chatham and Dover—Many Stations.

Midland Many Stations.

Indian Railways about 5,480,000 feet superficial.

Other Colonial Railways—about 6,970,000 ft. "

Costly plant has been laid down for Stamping Ornamental Tiles, Leaves, Shell and Scroll work in Zinc and Copper, for the Towers, Towers and Dormers now so much in vogue, and many new patterns have been added.

Estimates for every description of ROOFING in ZINC, COPPER, IRON or GLASS will be forwarded on application.

For any work of this kind special arrangements can be made with F. B. & Co. to mutual advantage.

USEFUL TRADE MEMORANDA.

Approximate Weights per Square Foot and per Sheet of Zinc, Copper, Black and Galvanized Corrugated Iron.

		ZINC, per square foot, Weight sheet,	ZINC, per sheet, 8 ft. x 3-ft.	COPPER, per square foot.	BLACK IRON, per square foot.	GALVANIZED CORRUGATED IRON, per sheet 6-ft. x 2-ft.	Weight per square foot of Zinc by E. W. G. Number.	
Zinc Gauge.	B. W. G.	sq. inches.	lbs. ozs.	B. W. G.	sq. drs.	B. W. G.	sq. drs.	B. W. G.
No. 4 is equal to about	No.	24	4 18	7 3	30 . 8 0	30 ... 8 0	26 ... 12½	No. 1 ... 11 6
5 ... 30 ... 31	22	5 11	8 8	29 ... 9 0	29 ... 9 0	—	2 ... 10 5
6 ... 32 ... 33	20	6 11	10 0	28 ... 10 0	28 ... 10 0	—	3 ... 9 8
7 ... 34 ... 35	20	7 12	11 10	27 ... 11 8	27 ... 11 4	24 ... 17	4 ... 8 11
8 ... 36 ... 37	20	8 14	13 5	26 ... 13 0	26 ... 12 8	—	5 ... 7 14
9 ... 38 ... 39	27	20 5	15 8	25 ... 14 4	25 ... 14 0	22 ... 20½	6 ... 7 9
10 ... 40 ... 41	25	11 7	17 3	24 ... 16 0	24 ... 16 0	—	7 ... 6 13
11 ... 42 ... 43	24	13 5	20 0	23 ... 19 0	23 ... 17 12	—	8 ... 6 1
12 ... 44 ... 45	23	15 2	22 11	22 ... 22 0	22 ... 20 0	20 ... 25	9 ... 5 12
13 ... 46 ... 47	22	17 0	25 7	21 ... 24 0	21 ... 22 4	—	10 ... 5 0
14 ... 48 ... 49	21	18 12	28 2	20 ... 28 0	20 ... 25 0	—	11 ... 4 9
15 ... 50 ... 51	20	21 12	34 10	19 ... 32 0	19 ... 28 4	18 ... 31	12 ... 3 15
16 ... 52 ... 53	19	24 12	37 2	18 ... 36 0	18 ... 31 12	—	13 ... 3 7
17 ... 54 ... 55	18	27 11	41 8	17 ... 44 0	17 ... 35 8	16 ... 40	14 ... 2 15
18 ... 56 ... 57	17	30 11	46 0	16 ... 48 0	16 ... 40 0	—	15 ... 2 10
19 ... 58 ... 59	—	33 11	50 9	15 ... 56 0	15 ... 44 12	—	16 ... 2 5
20 ... 60 ... 61	16	36 10	55 0	14 ... 64 0	14 ... 50 4	—	17 ... 2 0
								18 ... 1 12

Rule to obtain Contents of a Rectangular Cistern.

Multiply the length by the breadth, and the product by the depth; the result multiplied by $6\frac{1}{4}$ will give the contents in gallons, there being about $6\frac{1}{4}$ gallons in one cubic foot of water.

Rule to obtain Contents of a Circular Cistern.

Multiply the diameter into itself, and deduct one-fifth from the product; then multiply the remainder by the depth, and the result by $6\frac{1}{4}$, as for Square Cisterns.

USEFUL TRADE MEMORANDA.

One ton of Galvanized Corrugated Iron Sheets will cover about the undermentioned areas when fixed, and after allowing for horizontal laps for ordinary pitch of roofs.

Gauges 16	18	20	22	24	26	28
Feet 590	810	1020	1240	1500	2000	2250

Table of Weights per 100 Feet Super of the different methods of Zinc Roofing, as laid by "F. B. & Co.," on their Improved Principles.

The Weights given include the loss incurred in laps and Corrugations.

SEE SPECIAL CATALOGUE.				Gauges				...	...	...	13	14	15	16	
See Plates of Roofing Catalogue				Plain Roll Cup System	.	...	...	..	about	130 lbs.	144 lbs.	169 lbs.	192 lbs.
23	Italian Corrugation	...	...	...	...	32	186	160	175	198
						Ordinary Corrugation	...	...	...	...	32	186	150	175	198

Weights per Lineal Foot of Square and Round Iron.

Size	$\frac{1}{4}$ -in.	$\frac{5}{16}$ -in.	$\frac{3}{8}$ -in.	$\frac{1}{2}$ -in.	$\frac{5}{8}$ -in.	$\frac{3}{4}$ -in.	$\frac{7}{8}$ -in.	1-in.
SQUARE	21-lb.	33-lb.	47-lb.	84-lb.	123-lb.	173-lb.	266-lb.	333-lb.
ROUND	16-lb.	26-lb.	37-lb.	56-lb.	100-lb.	156-lb.	230-lb.	290-lb.

In one pound of Zinc Nails there are about

Size	1-in.	1 $\frac{1}{4}$ -in.	1 $\frac{1}{2}$ -in.	1 $\frac{3}{4}$ -in.	2-in.
ZINC, "ORDINARY"	400	280	200	100	90
Do. "F.B."	322	256	160	126	72
COPPER	400	250	180	122	85

It will take about One Pound of $\frac{1}{4}$ -in. Zinc Nails to fix 100 Slaten.

PERFORATED ZINC.

PERFORATED ZINC.

The Patterns shown on the following pages are all life-sizes of the perforations themselves, except that the form of the holes in the zinc is more perfect and uniform, it being almost impossible to show by drawings the exactness which our machinery produces.

The Illustrations show the designs commonly in demand, but it would be only confusing to illustrate every variation in the disposition of holes, &c., that can be made in each Pattern.

The Prices given are for stock sheets, 8 ft. 0 in. x 3 ft. 0 in. (except Nos. 3 $\frac{1}{2}$ and 4 hole patterns which are made 24 in. wide), and for our well-known good quality and great thickness, for Sails, Ventilation Purposes, &c. But, for the convenience of our customers, we have many extra sizes in the price of these patterns, used for Agricultural Machines, &c., of extra thickness, viz. No 15 Zinc - 20 B.W.G., which we also keep in stock.

SPECIAL QUOTATIONS FOR QUANTITIES, SPECIAL SIZES, OR IN COPPER, BRASS, STEEL, &c., ON APPLICATION.

EXTRA SIZES AND THICKNESSES, MARGINS, &c.

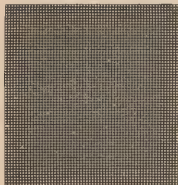
The Patterns Nos. 7, 7 $\frac{1}{2}$, 8, 9, 9 $\frac{1}{2}$, 10, 10 $\frac{1}{2}$, 11, 12, 12 $\frac{1}{2}$, 13, 14, 15, 16, 17, 18, 19 and 20 can be made as wide as 3 ft. 6 in., and all the round holes particularly from No. 13 and upwards may be made in very close Zinc. Special quotations for these extra widths and thicknesses, with or without margins, &c., forwarded upon application. *For further particulars of these sheets see pages 21 to 23.*

The Patterns Nos. 20, 21, 22, 23 and 24 are stamped iron and are much used for Malt Kells, &c. For prices of stamped iron, see pages 18 and 19.

FOR PERFORATED BRASS, COPPER, IRON, STEEL, IRON AND COPPER SCREENS, &c., SEE ALSO PAGE 17.

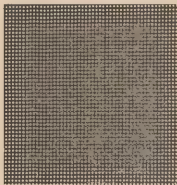
PERFORATED ZINC.

34



8 ft. x 2 ft. 13 6 per sheet.

4



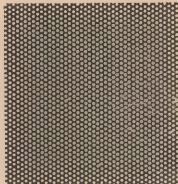
8 ft. x 2 ft. 12 per sheet.

4 1/2



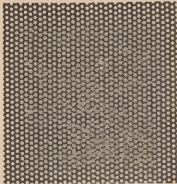
8 ft. x 2 ft. 13 per sheet.

5



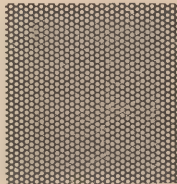
8 ft. x 2 ft. 9 per sheet.

5 1/2



8 ft. x 3 ft. 6 9 per sheet.

6

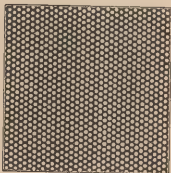


8 ft. x 3 ft. 3 9 per sheet.
15 Zinc 10 3

For general information see page 4.

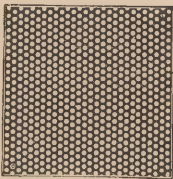
PERFORATED ZINC.

6½



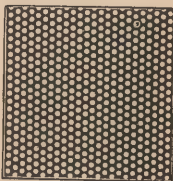
8 ft. x 3 ft. ... 39 per sheet.

7



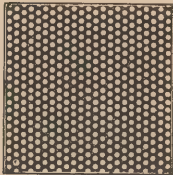
8 ft. x 3 ft. ... 39 per sheet.

7½



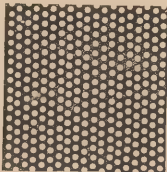
8 ft. x 3 ft. ... 39 per sheet.

8



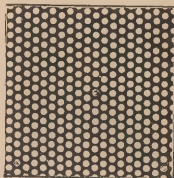
8 ft. x 3 ft. ... 39 per sheet.

8½



8 ft. x 3 ft. ... 39 per sheet.

9



8 ft. x 3 ft. ... 39 per sheet.

For general applications see page 4.

PERFORATED ZINC.

For purposes

of Ventilation.

·SAMSON·

TRADE



MARK.

·SAMSON·

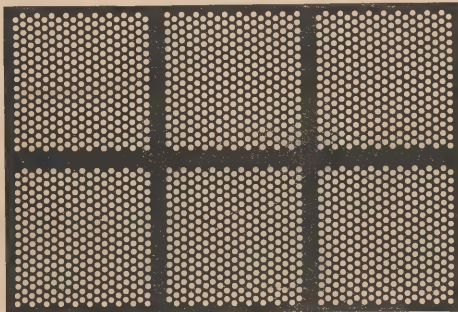
Made in sheets 8 ft. x 3 ft.

(REGISTERED)

Price 3s. 9d. per sheet.

No Extra Cost.

Fac-simile of a piece $4\frac{1}{2}$ in. x $6\frac{1}{2}$ in.

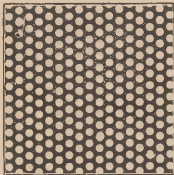


Fac-simile of a piece $4\frac{1}{2}$ in. x $6\frac{1}{2}$ in.

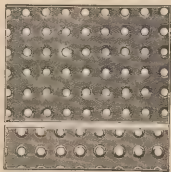
No Extra Cost.

By the insertion of bars of Plain Metal, as per wood-cut, much greater strength is obtained, together with an improved and ornamental effect.

PERFORATED ZINC.

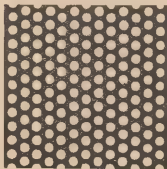
9 $\frac{1}{2}$ 

8 ft. x 3 ft. ... 46 per sheet.

9 $\frac{1}{2}$ A.
(Embossed)

8 ft. x 3 ft. ... 9 per sheet.

10

8 ft. x 3 ft. ... 46 per sheet.
" " 15 Zinc ... 103 "10 $\frac{1}{2}$ 8 ft. x 3 ft. ... 46 per sheet.
" " 15 Zinc ... 103 "10 $\frac{3}{4}$ 8 ft. x 3 ft. ... 46 per sheet.
" " 15 Zinc ... 103 "

11

8 ft. x 3 ft. ... 46 per sheet.
" " 15 Zinc ... 103 "*For general application see page 4.*

PERFORATED ZINC.

12



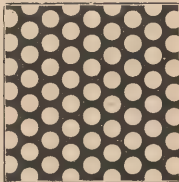
8 ft. x 3 ft. ... 54 per sheet.
" " 15 Zinc ... 103 "

12½



8 ft. x 3 ft. ... 54 per sheet.
" " 15 Zinc ... 103 "

13



8 ft. x 3 ft. ... 54 per sheet.
" " 15 Zinc ... 103 "

13½



8 ft. x 3 ft. ... 54 per sheet.
" " 15 Zinc ... 103 "

14



8 ft. x 3 ft. ... 54 per sheet.
" " 15 Zinc ... 103 "

15



8 ft. x 3 ft. ... 54 per sheet.
" " 15 Zinc ... 103 "

For general application see page 4.

PERFORATED ZINC.

15 A (Embossed)

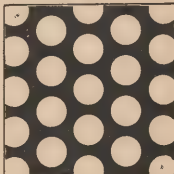


8 ft. x 3 ft. ... 10 6 per sheet.

16

8 ft. x 3 ft. ... 5 1/4 per sheet.
" " 15 Zinc ... 10 3 "

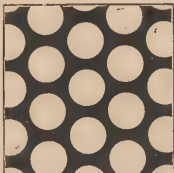
16 1/2

8 ft. x 3 ft. ... 5 1/2 per sheet.
" " 15 Zinc ... 10 3 "

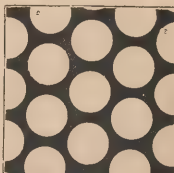
17

8 ft. x 3 ft. ... 6 per sheet.
" " 15 Zinc ... 10 3 "

18

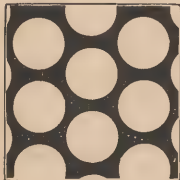
8 ft. x 3 ft. ... 6 per sheet.
" " 15 Zinc ... 10 3 "

19

8 ft. x 3 ft. ... 6 per sheet.
" " 15 Zinc ... 10 3 "*For general application see page 4.*

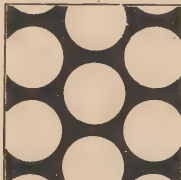
PERFORATED ZINC

20



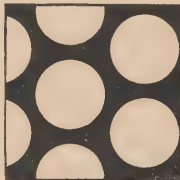
8 ft. x 8 ft. ... 7/- per sheet.
" " 15 linc ... 10/3 "

20½



8 ft. x 8 ft. ... 7/- per sheet.
" " 15 Zinc ... 10/3 "

22



8 ft. x 8 ft. ... 7/- per sheet.
" " 15 Zinc ... 10/3 "

21 D



8 ft. x 8 ft. ... 6/9 per sheet.

23



8 ft. x 8 ft. ... 6/9 per sheet.

24



8 ft. x 8 ft. ... 6/9 per sheet.

For general application see page 4.

PERFORATED ZINC.

25



8 ft. x 3 ft. ... 69 per sheet.

26



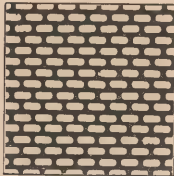
8 ft. x 3 ft. ... 69 per sheet.

27



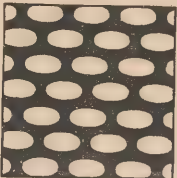
8 ft. x 3 ft. ... 69 per sheet.

28



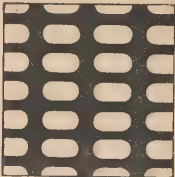
8 ft. x 3 ft. ... 69 per sheet.

29



8 ft. x 3 ft. ... 69 per sheet.

30



8 ft. x 3 ft. ... 69 per sheet.

For general application see page 4.

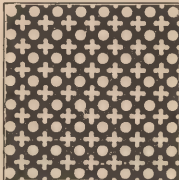
PERFORATED ZINC.

30



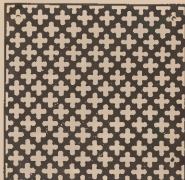
8 ft. x 3 ft. ... 69 per sheet.

14 G



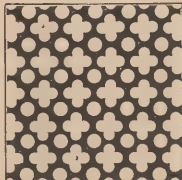
8 ft. x 3 ft. ... 69 per sheet.
" " 15 Zinc .. 103 "

15 G



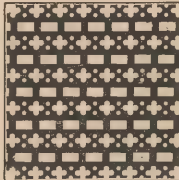
8 ft. x 3 ft. ... 69 per sheet.

16 G



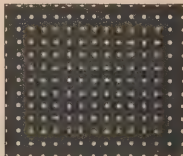
8 ft. x 3 ft. ... 69 per sheet.
" " 15 Zinc .. 103 "

17 G



8 ft. x 3 ft. ... 69 per sheet.

35



16 B.W.G. in THICKNESS
8 ft. x 3 ft. ... 36- per sheet

For general application see page 4.

PERFORATED ZINC.

36



17 B.W.G. 10 THICKNESS
8 ft. x 3 ft. 26/- per sheet.

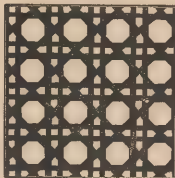
37—"The Perfect Queen Bee Excluder."



8 ft. x 3 ft. 6/9 per sheet.

40—"Improved Queen Bee Excluder."
(Registered Design.)

8 ft. x 3 ft. 8/9 per sheet.

41
(Registered Design)

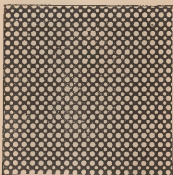
8 ft. x 3 ft. 6/9 per sheet.

7 B



8 ft. x 3 ft. 6/9 per sheet.

9 B



8 ft. x 3 ft. 6/9 per sheet.

No. 61. "BEE" PATTERN PERFORATED ZINC.

No. 61

(REGISTERED.)

SHEWING FULL SIZE OF HOLES.



The above pattern is made and supplied in sheets 8 ft. x 3 ft. and 8 ft. x 2 ft. 8 in. with strengthening bar down the centre as shown. The advantages of this will be at once apparent as, when cut, it gives the necessary margin each side.

This pattern is the outcome of much observation, and has been practically tested and approved by the Editors of "The British Bee Journal," and others.

SHEETS 8 ft. x 3 ft. ARE SUPPLIED UNLESS OTHERWISE ORDERED.

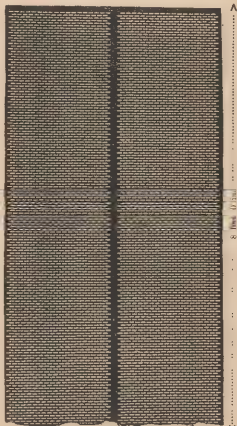
PRICES:

8 ft. x 3 ft. 79 per sheet.

8 ft. x 2 ft. 8 in. 7 - "

(PRICES FOR OTHER SIZES ON RECEIPT OF SPECIFICATION.)

WITH STRENGTHENING BAR DOWN CENTRE AS SHOWN.



8 feet 0 in.

PERFORATED ZINC.

12 B



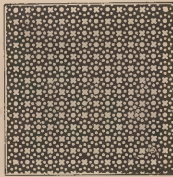
8 ft. x 3 ft. ... 69 per sheet.

13 B



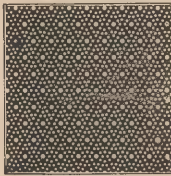
8 ft. x 3 ft. ... 69 per sheet.

14 B



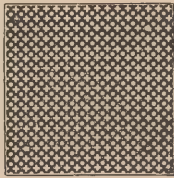
8 ft. x 3 ft. ... 69 per sheet.

16 B



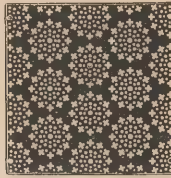
8 ft. x 3 ft. ... 69 per sheet.

17 B



8 ft. x 3 ft. ... 69 per sheet.

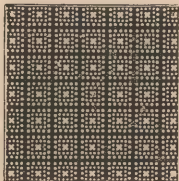
18 B



8 ft. x 3 ft. ... 69 per sheet.

PERFORATED ZINC, COPPER, IRON, &c.

19 B.



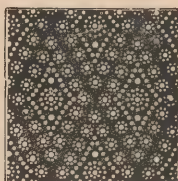
8 ft. x 3 ft. 6/9 per sheet.

20 B.



8 ft. x 3 ft. 6/9 per sheet.

21 B.



8 ft. x 3 ft. 6/9 per sheet.

PERFORATED COPPER, BRASS, IRON, &c.

Many of the Patterns shewn on the preceding pages are constantly being supplied by us in Copper and Brass. And many can be made in iron, when required, in varying gauges. Also in Zinc, of various patterns, thicknesses, and sizes, for Agricultural Machinery, &c, with or without margins.

FOR THICK PERFORATED IRON, STEEL, &c., SEE PAGES 21 to 23.

PERFORATED COPPER FOR SUGAR REFINERIES. PRICES AND PARTICULARS ON APPLICATION.

Copper sheets kept in stock, and supplied at lowest rates, see page 73.

CHARCOAL IRON, OR COPPER, SCREENS FOR GOLD QUARTZ STAMPING.

VARIOUS PATTERNS—NEEDLE HOLES, CONICAL, BURR, SLOTTED, STRAIGHT, SMOOTH &c.

PRICES &c., on application, with particulars of requirements.

PERFORATED CARDBOARD AND STABBED IRON.

PERFORATED CARDBOARD.

WE PERFORATE LARGE QUANTITIES OF CARDBOARD OF VARIOUS DESCRIPTIONS.

"FINE," "MIDDLE," "COARSE," "EXTRA COARSE," and other patterns for the Home Trade and for Export

SPECIAL PRICES UPON APPLICATION.

STABBED IRON.

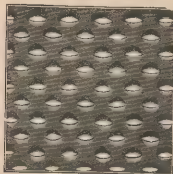
30 Stabbed Iron.



(In sheets not wider than 2 ft.)

PRICE 5d. square foot.

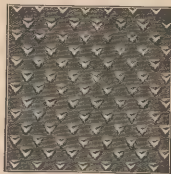
31 Stabbed Iron.



(In sheets not wider than 2 ft.)

PRICE 5d. square foot.

32 Stabbed Iron.

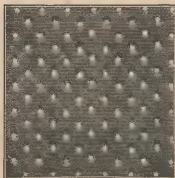


(Not made wider than 2 ft.; mostly used in Copper.)

PRICE 5d. square foot.

STABBED IRON.

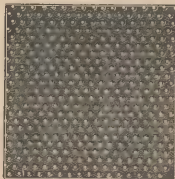
33 Stabbed Iron.



(Not made wider than 8 ft.)

PRICE 5d. square foot.

34 Stabbed Iron.



(Not made wider than 1 ft. 10 in.)

PRICE 5d. square foot.

42 (Needle Point Perforations).



1½ in. wide 67,6 per 1,000 ft. run.

Large Quantities of the patterns shown of Stabbed Iron are used in Maltese-houses. This material having been proved superior to, and more durable than, Tile Floors.

The sheets are sent 6 ft. 6 in. long by 2 ft. 6 in. wide, unless otherwise ordered; except No. 34, which is sent 1 ft. 10 in. wide. But sheets 8 ft. 6 in. long can be supplied, if desired, at same Prices per square foot.

PRICES IN COPPER ON APPLICATION.

PATTERN NO. 42 CAN BE MADE OTHER WIDTHS. PRICES ON APPLICATION.

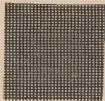
PERFORATED ALUMINIUM SHEETS.

PRICE ACCORDING TO QUANTITY, PATTERN, SIZE, THICKNESS, &c.

SAMPLES AND QUOTATIONS ON REQUEST BY POSTAL ORDER.

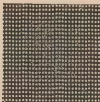
FOR THICK PERFORATED METAL SHEETS SEE PAGES 21 to 23.

PERFORATED TIN SHEETS—14 in. x 20 in. and 14 in. x 10 in.

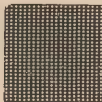
No. 3 $\frac{1}{2}$ 

9/8 per doz. 14 in. x 20 in.
6/- " 14 in. x 10 in.

No. 4

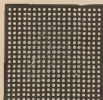


9/8 per doz. 14 in. x 20 in.
5/- " 14 in. x 10 in.

No. 4 $\frac{1}{2}$ 

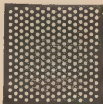
7/- per doz. 14 in. x 20 in.
4/- " 14 in. x 10 in.

No. 5



6/8 per doz. 14 in. x 20 in.
3/6 " 14 in. x 10 in.

No. 6



6/8 per doz. 14 in. x 20 in.
3/- " 14 in. x 10 in.

THESE TIN PLATES ARE USED LARGELY IN THE MANUFACTURE

OF TINNED IRON WARE, JELLY AND BROTH STRAINERS,

COFFEE POTS, LANTHERNS, FUNNEL BOTTOMS, &c.

No. 7.



6/8 per doz. 14 in. x 20 in.
8/6 " 14 in. x 10 in.

ROUND FILTER BOTTOMS.

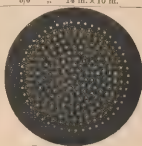
Diameter, in.	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	4 $\frac{3}{4}$	5	5 $\frac{1}{4}$	5 $\frac{1}{2}$
Fine Mesh (per gross)	9 6	12	14 6	16	18	22	25	28	29 6	32 6	37	...	...
Coarse do. (per gross)	8/-	10/-	11/-	11 6	14/-	16/-	17 6	19/-	22	23	26	29	29 6

For Coffee Pots, Strainers, &c.

FOR TIN PLATES SEE PAGES 44 & 45. INDOT TIN, PAGE 58.



Far-simile of Fine Mesh.



Far-simile of Coarse Mesh.

PERFORATED THICK STEEL IRON, COPPER, &c.

PERFORATED THICK STEEL OR IRON PLATES.

WE CAN PERFORATE in thick STEEL, IRON, COPPER, BRASS, or other METAL, holes varying from $\frac{8}{32}$ inch to 1 inch diameter, and in thickness from $\frac{1}{16}$ inch to $\frac{1}{2}$ inch, having Machines "set" for their production; but can pierce holes of any diameter up to 2 inches \times $\frac{1}{2}$ inch or thicker. Also Conical, Oval, Rectangular, Slotted, and other shaped Perforations.

WE CAN PRODUCE the sheets Curved, Flat or Bent to any radius for Cylindrical Sieves &c., in square or tapered plates, with or without margins.

The widths of plates depend upon the size and disposition of holes, gauges, &c., but we can perforate up to 4 ft. 0 in. wide \times 8 ft. or 10 ft. in length.

When Orders are once placed, however, it is impossible to accept cancelment on account of delay &c., as sheets have often to be rolled specially, and machinery altered; but we have every facility for producing promptly and well.

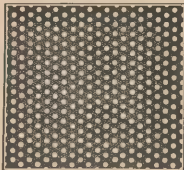
As there are so many varying circumstances which regulate the cost, such as size and shape of sheets, and disposition of holes, it is impossible to give prices except upon receipt of particulars of requirements.

We give on following pages facsimiles of patterns most in demand for many and varied purposes. *For other patterns of perforated metal and ordinary thicknesses see preceding pages.*

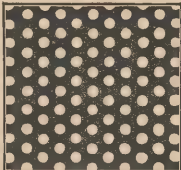
SAMPLES CAN BE SUBMITTED UPON APPLICATION.

PERFORATED THICK STEEL, IRON, COPPER, &c.

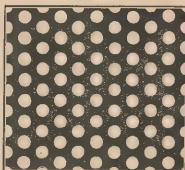
No 62.



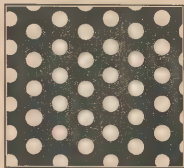
No 63.



No 64.



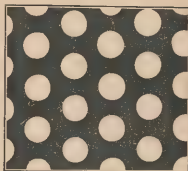
No 65.



No 66.



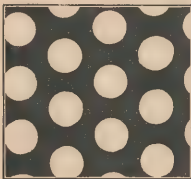
No 67.



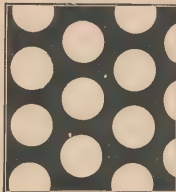
PRISES UPON RECEIPT OF REQUIREMENTS, SEE PAGES 21 & 23.

PERFORATED THICK STEEL, IRON, COPPER, &c.

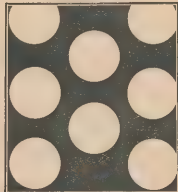
No. 68.



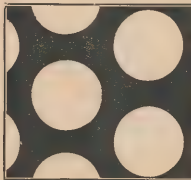
No. 69.



No. 70.



No. 71.



DESCRIPTION.

No. of Pattern.	Diameter of Holes in Millimeters.	Diameter of Holes in Inches.	Thickness of Metal.	Per. of Per. in centes. of Holes.	REMARKS
62	2	in. bare.	16 W.G.	2	All patterns can be produced up to 4 ft. wide, except No. 68, which is 3 ft. extreme width.
63	4	"	14	1	
64	5	"	12	1	
65	6	1 in.	10	1	
66	8	"	8	1	
67	10	1/2 in.	6	1	
68	12	"	4	1	
69	14	"	3	1	
70	16	"	2	1	
71	20	1 in.	12 W.G.	1	

THE MACHINES are "set" to produce Perforated Metals to the patterns and pitch of holes shown by the illustrations, and described next, and of any gauge up to the thickness given. For different patterns (holes round or square) or extra thicknesses, particulars must be given.

PRICES UPON RECEIPT OF REQUIREMENTS, SEE PAGE 21.

PERFORATED ZINC FRIEZES AND FRETS.

FRIEZES AND FRETS.

The Friezes and Frets on the following pages show the Full-Size of Patterns and the WIDTH; except where otherwise stated. They can be supplied in COPPER, BRASS, ALUMINIUM, etc.; but the prices given are for ZINC, and in lengths as specified—mostly 8 ft., 0 in.—but Nos. 49 & 49A are in 3 ft. lengths.

The Patterns are in general demand. Nos 14, 40, 41, 49, 49A, &c., particularly so for Verandah Vallance.

Patterns Nos. 17, 20, 22, 48, 60, &c., are used for Ventilating Ships' Cabins, and also for the occasional insertion in the skirting of Dwelling-rooms.

Pattern No. 21 is much in demand in Brass for covering Hot Water Pipes passing through the Cabins of Passenger Steamers; also Patterns 20, 22, 48, 60, &c. Patterns Nos. 52 and 53 deserve attention. No 53 is much used for Railway Carriage Racks and similar purposes.

No. 54 is usually supplied in Brass for various Ornamental, Protection, and Ventilation purposes.

NOTE.—The Patterns that can be supplied in combination, not shown in illustrations, are:—

Nos. 4 and 8 $\frac{1}{2}$, known as No. 23	Nos. 4 and 12, known as No. 28
" 4 " 6 " " " 24	" 4 " 9 " " " 29
" 4 " 18 " " " 26	" 9 " 12 " " " 30
Nos. 46 and 37 known as No. 50	

An example of this combination is afforded by Pattern No. 27, which is composed of Patterns 4 and 10 $\frac{1}{2}$.

THE PRICE OF THE ABOVE PATTERNS IS OBTAINED BY ADDING TOGETHER THE COST OF THE TWO PATTERNS FORMING THE COMBINATION.

☛ The Double or Combination Patterns can be had with Plain Zinc on one side (instead of the Pattern), if desired, at reduced cost.

WE CAN SUPPLY FRETS OR FRIEZES TO ALMOST ANY DESIGN SUBMITTED.

SPECIAL QUOTATIONS FOR SHIPMENT.

PERFORATED ZINC FRIEZES AND FRETS.

No. 1. 8d. per 8 ft. length.



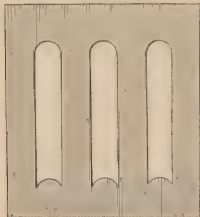
No. 2. 1 - per 8 ft. length.



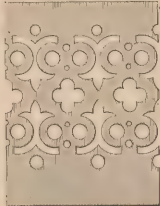
No. 10½. 19 per 8 ft. length.



No. 3. 13 per 8 ft. length.



No. 8½. 16 per 8 ft. length.



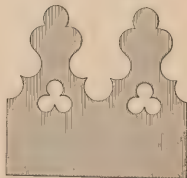
No. 8½ can be supplied with a deeper margin of plain zinc if desired

For prices of other sizes see page 24

PERFORATED ZINC FRIEZES AND FRETS.

No. 4 $\frac{1}{2}$. 13 per 8 ft. length.

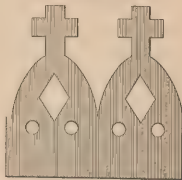
No. 4. 1 per 8 ft. length.



No. 10. 16 per 8 ft. length.



No. 5. 1 per 8 ft. length.



Patterns 4, 4 $\frac{1}{2}$, and 5, can be made with a deeper plain margin if required.

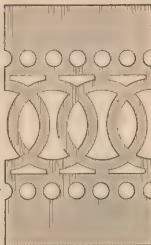
For other dimensions see page 21.

PERFORATED ZINC FRIEZES AND FRETS.

No. 8. 2/6 per 8 ft. length.



No. 6. 18 per 8 ft. length.



No. 11. 1 per 8 ft. length.



No. 16. 13 per 8 ft. length.



Nos. 11 and 16 can have a deeper plain margin if required.

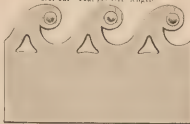
For general description see page 24.

PERFORATED ZINC FRIEZES AND FRETS.

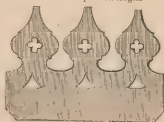
No. 15. 9d per 8 ft. length



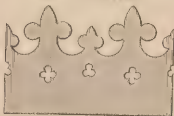
No. 45. 11d. per 8 ft. length.



No. 7. 11d. per 8 ft. length.



No. 18. 11d. per 8 ft. length



No. 19. 1 - per 8 ft. length



No. 37. 9d. per 8 ft. length.



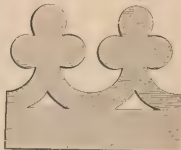
No. 0. 11d. per 8 ft. length.



No. 46. 10d. per 8 ft. length.



No. 51. 13 per 8 ft. length

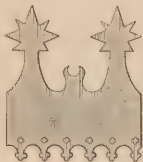


No. 15, 18, 37 and 45 can be had with deeper plain margin if desired.

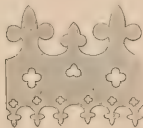
For general description see page 24.

PERFORATED ZINC FRIEZES AND FRET.

No. 38. 1/9 per 8 ft. length.



No. 36. 1/8 per 8 ft. length.



No. 35. 1/9 per 8 ft. length.



No. 44. 1/10 per 8 ft. length.



No. 34. 2/3 per 8 ft. length.



No. 33. 2/ per 8 ft. length.

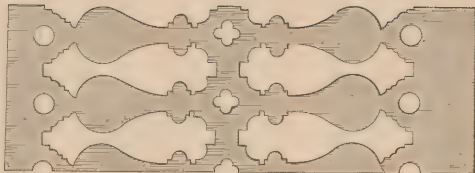


The Double Patterns shown can be had with plain zinc one side (instead of pattern), if desired, at reduced cost.

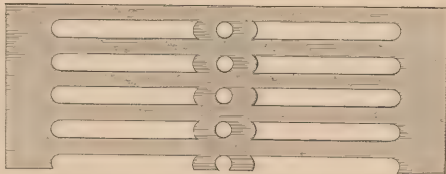
For general description see page 24.

PERFORATED ZINC FRIEZES AND FRETS.

No. 17. 3 - per 8 ft. length.



No. 20. 3 6 per 8 ft. length.

*For general description see page 24.*

PERFORATED ZINC FRIEZES AND FRETS.

No. 25. 4/- per 8 ft. length.



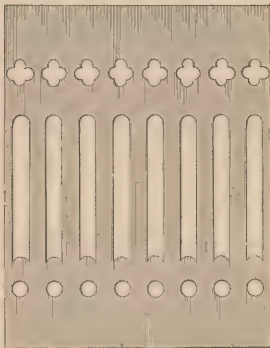
No. 27. 4/- per 8 ft. length.



For general description see page 24.

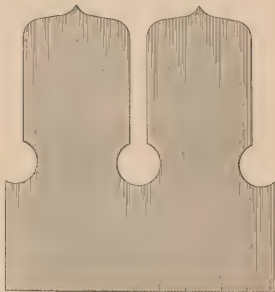
PERFORATED ZINC FRIEZES AND FRETS.

No. 21. 2 per 8 ft. length.



No. 21. This Pattern is much in demand in Brass for covering Hot-water Pipes passing through the cabins of Passenger Steamers; as also Patterns 20, 22, &c.

No. 12. 2 - per 8 ft. length.



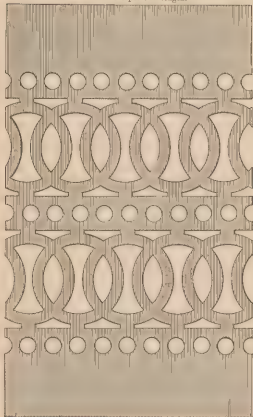
No. 12.—Can be had with a deeper plain margin if desired.

SEE PAGES 42 AND 43 FOR PRICES OF ZINC FINIALS
FOR RIDGES OF ROOFS, &c.

For general description see page 24.

PERFORATED ZINC FRIEZES AND FRETS.

No. 22. 36 per 8 ft. length.



No. 14. 2- per 8 ft. length.



No. 11. Is in very general demand for Verandah Vallance, and as an ornament to Ridge of Roofs. See illustration as applied to this purpose on page 63. ALSO SEE PAGES 42 AND 43 FOR ZINC FINIALS, &c.

A semi-circular moulding can also be formed in the plain part of this pattern, to improve the appearance and give additional strength; extra cost of same, 4d. per length.

No. 31. Is pattern No. 14 ornamentally perforated or embossed in addition to the the Star. Price 26 per 8 ft. length.

No. 32. Is No. 14 with pattern doubled, i.e., repeated on opposite edge. Price 4/- per 8 ft. length.

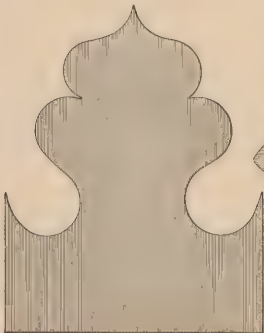
No. 14 and 22 can be had with a deeper plain margin if required.

No. 14 DESIGN CAN ALSO BE MADE LARGER ALTOGETHER IF REQUIRED.

For general description see page 24.

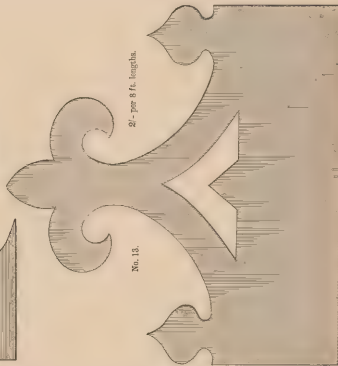
PERFORATED ZINC FRIEZES AND FRETS.

No. 9. 2 - per 8 ft length



21 - per 8 ft. lengths.

No. 13.



These patterns are chiefly used as Valances for Verandahs, Summer Houses, &c. Also for the Ridge of Summer Houses and other Ornamental Buildings.

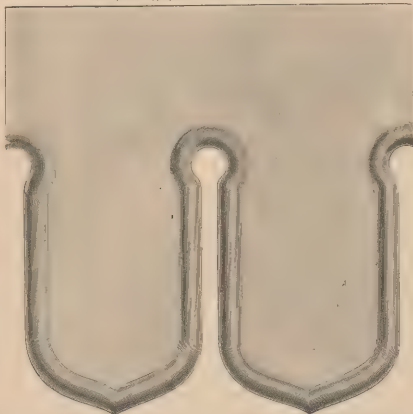
See also patterns Nos. 49 and 49A, page 35. Nos. 9 and 13 can be had with a deeper margin if required.

For general description see page 24.

PERFORATED ZINC FRIEZES AND FRETS.

No. 49. This pattern is shown half full size. This design is in constant use as Valance for Verandahs and other Ornamental Buildings, for which it is specially appropriate. Price, 36 per doz 3 ft. lengths.

HALF-FULL SIZE.



HALF-FULL SIZE.

No. 49A. Is the same design, but not so deep—viz., 5 inches instead of 12 inches. Price 27 per doz. 3 ft. lengths.

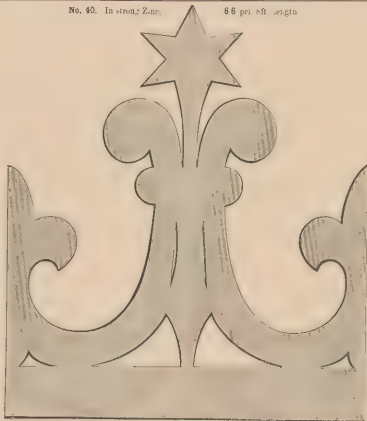
For general description see page 24.

PERFORATED ZINC FRIEZES AND FRETS.

No. 40. In strong Zinc.

66 per 8 ft. length.

Half-Full Size.



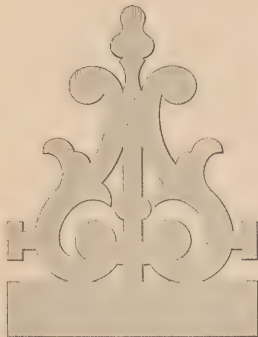
Half-Full Size.

No. 39. The above Pattern (which is shown half-full size) is also made without the Centre Star, and known as No. 39. In strong Zinc, 56 per 8 ft. length.

For general description see page 24.

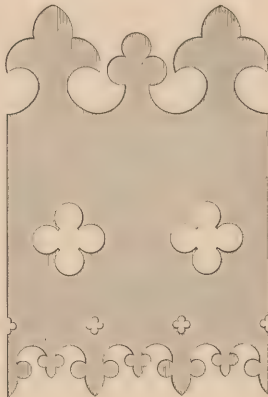
PERFORATED ZINC FRIEZES AND FETS.

No. 41. 5/- per 8 ft. length.



This Pattern is shown only half-size.
SEE PAGES 42 & 43 FOR ZINC AND IRON FINIALS, FOR
RIDGES OF ROOFS, &c.

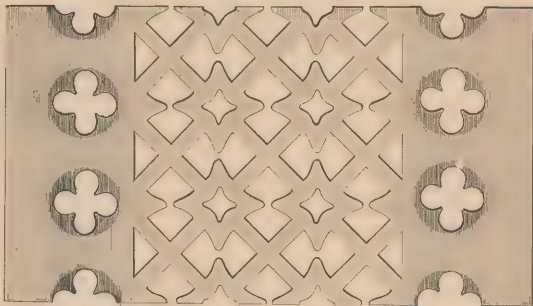
No. 43. 3/6 per 8 ft. length.



For general description see page 24.

PERFORATED ZINC FRIEZES AND FRETS.

No. 48. 46 per 8 ft. length.



No. 48. Is a handsome design for covering Pipes, or for Ventilation, &c.

No. 47. The above Pattern (No. 48) without the ornamental bordering (i.e. the margin entirely of plain zinc) is known as No. 47

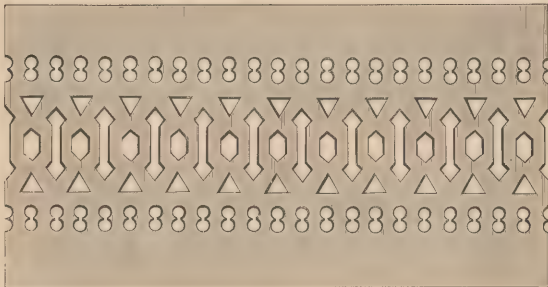
Price 3/8 per 8 ft. length.

SPECIAL QUOTATIONS OF ANY DESIGNS GIVEN FOR SHIPMENT.

For general description see page 24.

PERFORATED ZINC FRIEZES AND FRETS.

No. 53.



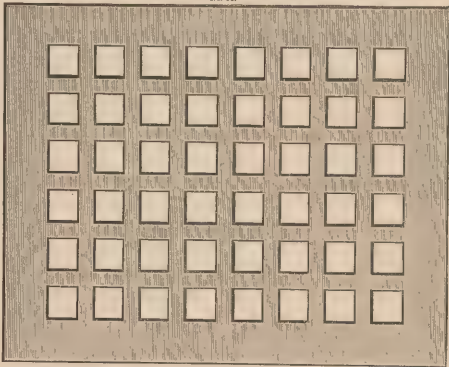
This Pattern is much used for Railway Racks, &c.

No. 53.	For the Perforation as above	...	total width about $4\frac{1}{2}$ inches	...	21	per doz. 8 ft. lengths.
No. 53A.	" " "	repeated	" " $6\frac{1}{2}$ "	...	28 6	" "
No. 53B.	" " "	again repeated	" " 9 "	...	40 -	" "

(SAMPLES ON APPLICATION.)

PERFORATED BRASS AND ZINC FRIEZES AND FRETS.

No. 60.



No. 60. Price in Brass, for width as shown, $\times 16$ W.G. ... 15/- per 6 ft. length.

No. 60A. " " 9 in. wide, " " ... 22/6 " "

In Zinc ... 5/- per 8 ft. length.

" ... 7/6 " "

Can be had in various thicknesses, lengths and widths, prices on application.

Polishing if required, extra.

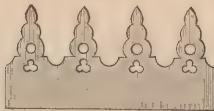
PERFORATED ZINC FRIEZES AND FRETS.

No. 54 M. 2 per 8 ft. length.



(For similar Patterns see preceding pages.)

No. 55 M. 1 per 8 ft. length.



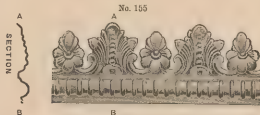
No. 56 M. 1 per 8 ft. length.



ANY OF OUR PATTERNS OF FRIEZES AND FRETS CAN BE HAD IN ALUMINIUM, BRASS, AND COPPER,
AND POLISHED IF DESIRED.

(F. B. & Co. can supply Friezes and Frets to almost any design submitted, in various metals and thicknesses, flat or bent as required.)

ZINC FRIEZES AND FINIALS.

Braby's
Special Pattern of Stamped Zinc Frieze.

FOR VERANDAH, GALLERY, RAILWAY STATIONS, AND OTHER PURPOSES.

Kept in Stock in Lengths of about Four feet.

The Height is $4\frac{1}{2}$ inches.

PRICES.

In ZINC ... 32 6 per doz. lengths of about 4 feet.

" COPPER (24 W.G.) 50 " "

This Frieze will be found very useful and ornamental, and is much superior in durability to most of the Stamped Zinc Friezes.

VERY EFFECTIVE IN COPPER.

No. 41. About $\frac{1}{4}$ th full size.



For Ridges of Roofs, &c., 5 per 8 ft. length, see page 37.

THIS PATTERN IS OFTEN USED WITH THE ZINC FINIALS SHOWN ON THE PAGE.

Zinc Finials.

FOR RIDGES OF ROOFS AND EAVES OF VERANDAH, &c.



No. 1.



No. 2.



No. 3.

There being a demand for cheap yet elegant Zinc Finials, these designs have been prepared, and we have every confidence they will meet with approval.

PRICES.

No. 1. Height abt. 3 ft. 1 in.; diam. of base, $3\frac{1}{4} \times 6$ in. deep ... 17 6 each.

No. 2. " " 2 ft. 6 in.; " " " " " " " " " " 10/- "

No. 3. " " 2 ft. 3 in.; " " " " " " " " " " 7,6 "

DRAWINGS AND PRICES OF CAST IRON FINIALS, SEE PAGE 43.

CAST IRON FINIALS.

For Ridges of Roofs, Eaves of Verandahs, &c.

No 8.



No. 10.



PRICES.

No. 8.			No. 10.		
TWO WAYS	...	6/- each.	TWO WAYS	...	8/- each.
FOUR WAYS	...	8/- ..	FOUR WAYS	...	10/6 ..

These Finials are supplied with Wood Screws at bottom, or with Bats to go into Stone or Iron, as required.

Designs and Estimates

FOR OTHER PATTERNS OF CAST IRON FINIALS ON APPLICATION.

MANUFACTURERS

OF

CAST IRON COLUMNS

1

CRESTINGS AND TERMINALS

GATES AND RAILINGS

1

AND ALL LIGHT CASTINGS

&c. &c.

&c. &c.

FOR PLAIN AND ORNAMENTAL CAST IRON RAIN WATER GOODS SEE PAGES 106 TO 118.

FOR SANITARY CASTINGS SEE PAGES 102 TO 105.

TIN PLATES.

BRABY'S CHARCOAL & COKE TIN PLATES.—BEST QUALITY.

(SPECIALLY SELECTED.)

Description.	Size.	Equivalent Thickness in B.W.G.
H		21 B.W.G.
IX		22 1/2 "
IXX		23 1/2 "
IXXX		24 "
IXXXX		25 "
IXXXXX		26 "
IXXXXXX		27 "
IXXXXXXX		28 "
SDC		27 1/2 B.W.G.
SDX		28 "
SDXX		29 "
SDXXX		30 "
SDXXXX		31 "
SDXXXXX		32 "
DC		28 B.W.G.
DX		29 "
DXX		30 "
DXXX		31 "
DXXXX		32 "
DXXXXX		33 "

FOR PRICES SEE PAGE 45.

TIN PLATES.

BRABY'S TIN PLATES. SPECIALLY SELECTED.

Charcoal.

(Special low Prices from London Stock.)

		PRIMES. WASTERS.	
		Per Box	
1C	... 14 x 10, 20 x 14, 28 x 20, 28 x 10	24 6	22 6
IX	.. .. .	28 6	26 6
IXX	.. .. .	32 6	29 6
IXXX	.. .. .	36 6	33 6
IXXXX	.. .. .	40 6	37 6
IXXXXX	.. .. .	44 6	41 6
IXXXXXX	.. .. .	48 6	45 -

Charcoal.—Continued.

(Special low Prices from London Stock.)

		PRIMES. WASTERS.	
		Per Box	
1M	.. 17 x 12½, 25 x 17, 34 x 12½	22 6	20 6
DX	.. .. .	26 -	24 -
DXX	.. .. .	30 -	27 -
DXXX	.. .. .	34 6	31 6
DXXXX	.. .. .	38 6	35 6

Coke.

(Special low Prices from London Stock.)

		PRIMES. WASTERS.	
		Per Box	
SDC	... 15 x 11, 22 x 15	30 3	31 3
SDX	.. .. .	40 3	37 3
SDXX	.. .. .	44 3	40 3
SDXXX	.. .. .	48 3	44 3
SDXXXX	.. .. .	52 3	48 3
1C	14 x 10, 20 x 14	20 6	19 6
IX	.. .. .	28 -	22 -
DC	17 x 12½	18 -	Un-assorted
DX	.. .. .	22 -	

The best Brands only supplied. Very SPECIAL attention is paid to QUALITY ; hence we have gained for our TIN PLATES the appreciation and confidence of the Trade. These Plates are specially selected for Ironmongers' use.

All prices are subject to market fluctuations without notice.

FOR PERFORATED TIN PLATES, SEE PAGE 20.

FOR INGOT TIN AND SOLDERS, SEE PAGE 58.

MALLEABLE IRON AND STEEL SHEETS FOR WORKING UP.

BRABY'S well-known Brands of
**STEEL SHEETS, & TINNED, TERNE, GALVANIZED & BLACK
 MALLEABLE IRON SHEETS, FOR WORKING UP.**

Mild Steel Sheets.

Gauge	14	16	18	20	22	24	26
	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>	<i>s.</i> <i>d.</i>
BLACK... per cwt.	17 0	14 0	17 0	17 1	17 8	17 3	18 4
GALVANIZED ..	22 3	22 3	22 0	22 3	22 6	22 6	24 6

Bright Tinned Iron Sheets.

Gauge.	No. 1, Best Charcoal.
	<i>s.</i> <i>d.</i>
20	83 0 per cwt.
22	
24	88 6 "
26	85 0 "

Terne-Coated Sheets.

For Bath work and other purposes where the article is to be japanned, these will be found very economical.

Gauge.	No. 1, Charcoal.
	<i>s.</i> <i>d.</i>
20	22 0 per cwt.
22	
24	22 6 "
26	23 6 "

"B" Brand. A Fair Ordinary Sheet.

Gauge	16	18	20	22	24	26
BLACK per Cwt.	14 3	14 9	14 9	15 -	15 -	15 9
GALVANIZED	18 9	18 9	18 9	20 6	20 6	22 9

FOR SIZES OF SHEETS KEPT IN STOCK, &c., SEE PAGE 47.

MALLEABLE IRON SHEETS FOR WORKING UP.

"A 1" Brand Galvanized Sheets for Working up Purposes.

GUARANTEED.

Gauge ...	...	...	...	16	18	20	22	24	26
Per Cwt.	...	...	...	23 0	23 9	23 3	21 -	21 -	25 6

"F. B." Brand Black Sheets for Working up Purposes.

ALSO GUARANTEED. VERY DUCTILE.

Gauge ...	...	...	...	16	18	20	22	24	26
Per Cwt.	...	...	...	18 8	18 3	18 3	19 -	19 -	20 6

"S. R." Brand of Black and Galvanized Sheets for Working up Purposes.

A GOOD SOFT SHEET. GROOVES EITHER WAY OF THE GRAIN GUARANTEED.

Gauge	...	14	16	18	20	22	24	26
BLACK ... per Cwt.		17 -	17 -	17 -	17 -	17 3	17 4	18 -
GALVANIZED	...	22 3	22 3	22 3	22 3	22 6	22 6	2 -

BRANDS:

SHEETS ARE KEPT IN STOCK AS FOLLOWS:-

"S.R."
and
Mild Steel

In 10, 12, 14, 16, 18, 20, 22, 24, 26 Gauges. 6 ft. long x 24, 30 and 36 in. wide.
Also 6 ft. long x 33 in. wide x 24 Gauge; and 4 ft. long x 30 in. wide x 22 Gauge.

"B"

In 10, 12, 14, 16, 18, 20, 22, 24, 26 Gauges. 6 ft. 0 in. long x 24 in. and 30 in. wide.
Also 5 ft. 9 in. long x 29 in. wide x 26 G.; 5 ft. 9 in. long x 30 in. wide x 28 G.
" 6 ft. 0 in. long x 36 in. wide x 21 G.

"A.1" and "F.B."

In 16, 18, 20, 22, 24, 26 Gauges. 6 ft. 0 in. long x 24 in. and 30 in. wide.

Tinned Iron Sheets

In 20, 22 and 24 Gauges. 6 ft. 0 in. x 24, 30 and 36 in. wide.
Also 6 ft. 0 in. x 24 and 30 in. wide x 26 Gauge.

Terne Iron Sheets

In 20, 22, 24 and 26 Gauges. 6 ft. 0 in. x 24 and 30 in. wide.
In 18 and 20 Gauges. 6 ft. 0 in. x 36 in. wide.

FOR IRON AND STEEL PLATES SEE PAGE 48.

IRON AND STEEL PLATES.

IRON PLATES.

(ORDINARY QUALITY)

														PRICES.		
Nos. 10, 11, 12, 13, 14, 16 & 18 Gauges														£12	0	0 per ton.
$\frac{1}{8}$ & $\frac{1}{4}$	...	...	...	...	...	...	...	...	...	...	...	...	...	11	10	0 ..
EXTRAS:—Over 9 ft. long and under 10 ft. long															10	0 ..
10 ft.	11	12	13	14	16	18	...	...	...	...	...	...	...	1	0	0 ..
4 ft. wide	...	...	...	...	...	...	...	...	...	...	...	...	...		10	0 ..

STEEL PLATES.

														PRICES.		
Nos. 11, 12, 14 & 16 Gauges														£13	0	0 per ton
$\frac{1}{8}$	...	...	...	...	...	...	...	...	...	...	...	...	...	12	10	0 ..
EXTRA: Over 4 ft. wide															10	0 ..

Any of the above can be supplied GALVANIZED at the usual extra.

We have always a large variety of sizes of the different Gauges in stock, at our Deptford London Works, of which we issue a separate List. Sheets 6 ft. 0 in. x 2 ft. 0 in., and 6 ft. 0 in. x 2 ft. 6 in. in Iron (and $\frac{1}{8}$ in. thick in Steel) are always kept.

The Iron is of ordinary quality, and with flange and the grain to a radius of $\frac{3}{4}$ in. Plates $\frac{1}{8}$ in. (except Steel) and thicker are non-flanging.

The Steel Plates will flange both ways of the grain.

The separate List, giving full description, can be had upon application.

The prices, of course, fluctuate with the markets, and are subject to alteration without notice; but the Quarterly Discount List will always give the correct price at the date of such List.

IRON—FLATS, ROUNDS AND SQUARES.

FLAT IRON. Best Quality.

[illegible]

FLAT IRON.—Ordinary Quality.

[illegible]

FLAT IRON.—Cut Lengths.—Best Quality.

(NO EXTRAS.)				
WIDTH.		THICKNESS.		
1 $\frac{1}{2}$ inch	x	...	3 in.,	10 ft. 6 in. and 12 ft. 6 in. lengths.
1 $\frac{1}{2}$ "	x	...	3 in.,	10 ft. 6 in. " 12 ft. 6 in. lengths.

FLAT IRON.—Cut Lengths.—Ordinary Quality.

(NO EXTRAS.)			
WIDTH.		THICKNESS.	
1½ inch	x	... 1½ in.,	9 ft. and 12 ft. 6 in. lengths.
1½	x	... 2 in.,	9 ft., 12 ft. 6 in. "
1¾	x	... 2½ in.,	9 ft. " 12 ft. 0 in. "
2	x	... 3 in.,	— 11 ft. 6 in. "
2½	x	... 3½ in.,	— 11 ft. 6 in. "
2½	x	... 4 in.,	— 11 ft. 6 in. "

ROUND IRON.

$\frac{3}{16}$, $\frac{1}{2}$, $\frac{1}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{3}{16}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{3}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{1}{2}$ Inches.

SQUARE IRON.

$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{1}{2}$ Inches.

FLATS, ROUNDS and SQUARES, Ordinary Quality	Kept in Stock)	14 6	per cwt.	} USUAL } EXTRAS.
Do. do. do. BEST, BEST	Kept in Stock)	16 3	"	

THIS ABOVE KEPT IN STOCK.









IRON—HALF ROUNDS, ANGLE AND TEE.

FEATHER EDGE HALF ROUND.

Width.	Thickness.	
$\frac{3}{8}$ inch \times ...	$\frac{1}{8}$ inch	ORDINARY QUALITY
$\frac{1}{2}$ " \times ...	$\frac{1}{4}$ " $\frac{1}{2}$ "	
$\frac{3}{4}$ " \times ...	$\frac{1}{2}$ " $\frac{3}{4}$ "	
1 " \times ...	$\frac{3}{4}$ " 1 "	
$1\frac{1}{8}$ " \times ...	1 " $\frac{1}{2}$ "	BEST QUALITY
$1\frac{1}{4}$ " \times ...	$\frac{3}{4}$ " $\frac{1}{2}$ "	
$1\frac{3}{4}$ " \times ...	1 " $\frac{3}{4}$ "	
$1\frac{1}{2}$ " \times ...	$\frac{1}{2}$ " 1 "	
$1\frac{7}{8}$ " \times ...	$\frac{3}{8}$ " $\frac{1}{2}$ "	USUAL EXTRAS
$2\frac{1}{4}$ " \times ...	$\frac{3}{4}$ " 1 "	
2 " \times ...	1 " 2 "	

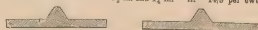
HALF ROUNDS, FLUTED.

FULL SIZE SECTIONS.

SIZES		
$\frac{3}{8}$ inch.		15.6 per cwt.
$\frac{1}{2}$ "		
$\frac{3}{4}$ "		
1 "		
$1\frac{1}{8}$ "		15.3 per cwt.
$1\frac{1}{4}$ "		
$1\frac{3}{4}$ "		
$2\frac{1}{4}$ "		

TEE HOOPS.

$1\frac{1}{2}$ in. and $1\frac{3}{4}$ in. ... 14.9 per cwt.



ANGLE IRON.

Width	Thickness	
$\frac{3}{8}$ inch \times ...	$\frac{1}{8}$ inch.	15.3 per cwt.
$\frac{1}{2}$ " \times ...	$\frac{1}{4}$ "	
$\frac{3}{4}$ " \times ...	$\frac{1}{2}$ "	
1 " \times ...	$\frac{3}{4}$ "	
$1\frac{1}{8}$ " \times ...	$\frac{1}{2}$ " $\frac{1}{2}$ "	USUAL EXTRAS.
$1\frac{1}{4}$ " \times ...	$\frac{3}{4}$ " $\frac{1}{2}$ "	
$1\frac{3}{4}$ " \times ...	1 " 1 "	
$2\frac{1}{4}$ " \times ...	$\frac{3}{4}$ " 1 "	
2 " \times ...	1 " 2 "	
$2\frac{1}{2}$ " \times ...	1 " $\frac{3}{4}$ "	
3 " \times ...	1 " 2 "	

TEE IRON.

Width.	Thickness.	
$\frac{3}{8}$ inch. \times ...	$\frac{1}{8}$ " $\frac{1}{8}$ inch.	16. per cwt.
$\frac{1}{2}$ " \times ...	$\frac{1}{4}$ " $\frac{1}{4}$ "	
1 " \times ...	$\frac{1}{2}$ " $\frac{1}{2}$ "	
$1\frac{1}{8}$ " \times ...	$\frac{3}{4}$ " $\frac{3}{4}$ "	
$1\frac{1}{4}$ " \times ...	1 " 1 "	USUAL EXTRAS.
$1\frac{3}{4}$ " \times ...	$\frac{3}{4}$ " 1 "	
2 " \times ...	1 " 1 "	
$2\frac{1}{2}$ " \times ...	1 " $\frac{3}{4}$ "	
3 " \times ...	1 " 2 "	

KEPT IN STOCK.

IRON HOOPS, &c.

HOOPS.

BEST QUALITY. (Heavy Gauges.)

Size.					Gauge.
$\frac{3}{8}$ inch	X	...	...	...	10
"	X	...	...	...	11
"	X	...	...	...	8, 10, 12
"	X	...	...	...	8, 10, 12
"	X	...	...	...	8, 10, 12
1	"	X	...	...	8, 10, 12
1 $\frac{1}{2}$	"	X	...	...	8, 10, 12
1 $\frac{3}{4}$	"	X	...	...	6, 8, 10, 12
1 $\frac{1}{2}$	"	X	...	...	6, 8, 10, 12
1 $\frac{3}{4}$	"	X	...	...	6, 8, 10, 12
2	"	X	...	...	6, 8, 10, 12
2 $\frac{1}{2}$	"	X	...	...	6, 8, 10
2 $\frac{3}{4}$	"	X	...	...	6, 8, 10, 12
2 $\frac{1}{2}$	"	X	...	...	6, 8
3	"	X	...	...	6, 8, 10, 12
3 $\frac{1}{2}$	"	X	...	...	6, 8, 10
4	"	X	...	...	6, 8, 10

BEST QUALITY. (Lighter Gauges.)

Size.					Gauge.
$\frac{3}{8}$ inch	X	...	...	...	14, 19, 20
"	X	...	...	...	14, 19, 20, 23
1	"	X	...	...	14, 18, 20
1 $\frac{1}{2}$	"	X	...	...	— — — 18
1 $\frac{3}{4}$	"	X	...	...	11, 16, 18, 20
2	"	X	...	...	10, 14, 18, 20
2 $\frac{1}{2}$	"	X	...	...	— — 16, 14
2 $\frac{3}{4}$	"	X	...	...	— — 10, 16
3	"	X	...	...	— — 14
3 $\frac{1}{2}$	"	X	...	...	— — 14

HOOP IRON, Best Quality

... ..

14 9 per cwt.

(USUAL EXTRAS.)

KEPT IN STOCK.

UNCROPPED BUILDERS'—OR TONGUEING.

Size.		Gauge.
$\frac{3}{8}$ inch	X	19
1 $\frac{1}{2}$	"	X 16
1 $\frac{3}{4}$	"	X 16

... ..

14 6 per cwt.

(USUAL EXTRAS.)

KEPT IN STOCK.

GALVANIZING

... ..

Any of the foregoing Galvanized at Lowest Prices.—See page 52.

All Prices subject to alterations without notice. Special Quotations for Quantities direct from the Works.

GALVANIZING.

GALVANIZING.

THE COST of GAAULINING Iron Goods is but trifling in comparison with the greatly increased durability and improved appearance the process gives them. WE USE ONLY THE BEST MATERIALS, AND EXERCISE THE GREATEST CARE AND SUPERVISION IN MANUFACTURING ALL GOODS.

To enable transnongers and the trade generally to take full advantage of this, we have made such arrangements, that all goods received for Guanoing anal be carefully coded by us, and dispatched on the day following that on which we receive them.

MANUFACTURED WROUGHT WORK, TANKS,
CISTERNS, DUST BINS, CORN BINS, &c.

CISTERNS, DUST BINS, COOK BINS, &c.		AT 100 LBS.
*9	B.W.G. or 3/4 in. and thicker	0 11 6
20	" 20 gauge inclusive	0 12 0
21	" 22 gauge to 24 inclusive	0 14 0
25	" 25 gauge	0 15 0
26	" 26 gauge	0 16 0
27	" 27 gauge and lighter	0 17 0
	Dustbins, Louvers, Chimney flues	0 18 0

* If in Plates not less than 10 in. wide, but per cent less than above; less than 10 in. wide, Hoop Iron rate.

CAST WORK

Purman Pans	...	...	...	...	...	0 9 0
Rail Water Pipes and Fittings, Heavy Castings	...	...	...	...	...	0 11 0
Cast Pipes	...	...	...	...	...	0 11 0
Rail Water Gutters and Fittings, An. Bricks and An. Gratings	...	...	...	...	...	0 12 0
Cast Pipes, not less than 30 lbs. per 6 ft. length	...	...	...	...	...	0 11 0
Light Castings, including Cast Supply Cisterns	...	...	...	...	...	0 12 6
Solid Castings and Weights:—						
Weighing 2 cwt. and over	...	...	...	...	...	0 9 0
" 1 " and under 2 cwt.	...	...	...	...	...	0 10 0
" $\frac{1}{2}$ " and under 1 cwt.	...	...	...	...	...	0 11 "
" less than $\frac{1}{2}$ cwt.	...	...	...	...	...	0 12 0
Cast Plates of Loc. less than $\frac{1}{4}$ in. thick, or 1 weighing not less than 2 cwt. each, and containing not more than 16 ft. super.	...	...	...	...	...	0 9 0
Cast or Wrought Iron Manholes and Frames weighing 1 cwt. and over	...	...	...	...	...	0 10 6
Cast or Wrought Iron Manholes and Frames weighing 2 cwt. and over	...	...	...	...	...	0 10 0

If goods require burning or boiling off ls. per cwt. net extra

CHAINS

CHAINS.		RATES PER WT.		
		£	s.	d.
Above $\frac{1}{2}$ to $1\frac{1}{2}$ in	...	0	10	0
$1\frac{1}{2}$ to $2\frac{1}{2}$ in	...	0	11	0
$2\frac{1}{2}$ to $3\frac{1}{2}$ in	...	0	12	0
3 to 4 in	...	0	14	0
Harness, Van Chains and General Harness Work	...	0	14	0

WIRE WORK

Cloth Weaving (finer than 20 gauge)	1	1	6
Cloth Weaving (thicker than 20 gauge) 20 in. sq. and under	0	18	4
Cloth Weaving (thicker than 20 gauge) 20 sq. ft. and over	0	16	6
Coarse Arches and Wire Work 20 sq. in. and smaller	0	16	0
Pen Guards	1	19	3
Machine-made Wire Netting	0	11	4
Manure Guards if made with Wirework	0	11	4

WROUGHT AND CAST

10 in. Joints and 10 in. plates, 1/2 in. and over in one of the sections	0 11 0
See H.T. C. under Armatures and not less than 1 in. thick	
10 in. plates 1/2 in. and over	0 11 0
10 in. and above, Nuts, Rivets, Series, Bolts and Nuts	0 12 0
11 in. and above	0 12 0
12 in. and above	0 13 0
13 in. and above	0 14 0
Under 1 in.	0 17 0
Bar and Rod Iron and Manufactured Bar and Rod	
not than 1/2 in. thick, 1/2 in. diameter	0 12 0
Hooping 1/2 in. and thicker, and 1/2 in. Manufactured Hooping	0 13 0
1/2 in. diameter to 1/2 gauge	0 14 0
1/2 in. thinner, 17 G to 20 G	0 14 0
21 gauge and thinner	0 17 0
Slabs Work Not otherwise specified	0 11 0
Ships' Bedstead and Bedstead Bottoms	0 12 0
Welded Tubes 1 1/2 in. diameter and larger	0 17 0
1/2 in. smaller	0 14 0

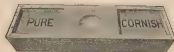
If goods require Stripping, at. per cwt. net extra.

BURNING OFF AND GALVANIZING CASTINGS AT OWNER'S RISK

Our Vans collect and deliver early in London and suburbs, to 12 W. of Railway Station - W. of London - Free of Charge. All work delivered back the day after received.

INGOT TIN AND SOLDERS.

INGOT TIN.—Finest Brands.



As PRICES VARY so frequently by fluctuations of the Market we cannot print quotations; but our valued correspondents may rely upon only a fair charge being made, according to quantity &c., or we shall be pleased to quote upon application.

TINMAN'S SOLDER.

Our Tinman's Solder can be thoroughly relied upon. We take every care to send out Solder of the best quality only. It is exceptionally good and is now well-known by the Trade. We shall, however, be glad to send Samples; or pieces of Zinc soldered together, so that it may be practically shown how excellent a quality our Solder is, if desired.

PLUMBERS' SOLDER.

BLOW-PIPE SOLDER.

EVERY CARE TAKEN TO ENSURE GOOD AND RELIABLE QUALITY, SO THAT OUR SOLDERS MAY BE DEPENDED UPON.

THE LOWEST PRICES (at time of publication, are ALWAYS GIVEN IN OUR PRICED LIST BUT SUBJECT TO THE FLUCTUATIONS OF THE MARKET.

LOWEST CURRENT RATES ALWAYS INVOICED.

FOR TIN PLATES SEE PAGES 44 AND 45.

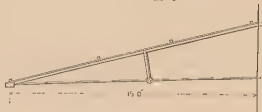
CURVED AND LEAN-TO IRON ROOFS.

CURVED AND LEAN-TO ROOFS OF VARIOUS SPANS.

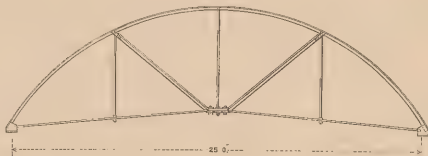
No 1.



No 3



No 2.



ESTIMATES AND DRAWINGS FREE ON APPLICATION.

SMITHS' FORGINGS OF ALL DESCRIPTIONS MADE TO ORDER OR QUOTED FOR ON RECEIVING PARTICULARS OF REQUIREMENTS.

CURVED AND PITCHED IRON ROOFS.

CURVED AND PITCHED IRON ROOFS OF VARIOUS SPANS.



SECTIONS of IRON ROOFS as frequently manufactured and erected by us in this country, and shipped for export abroad.

SEE SPECIAL CATALOGUE OF IRON CHURCHES, BUILDINGS, &c.

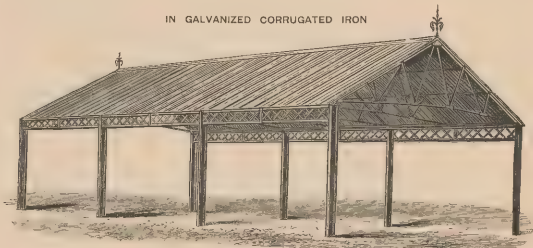
ESTIMATES AND DRAWINGS FREE ON APPLICATION.

FOR COPPER LIGHTNING CONDUCTORS SEE PAGE 80.

GALVANIZED CORRUGATED IRON ROOFING SHEETS.

ROOF SHEWING APPEARANCE OF PATENT "STORMPROOF" ROOFING.

IN GALVANIZED CORRUGATED IRON



Section of Stormproof Roofing.

The Patent "Stormproof" Roofing Sheets have been designed to meet the only defect that has been alleged against Corrugated Iron for Roofs — viz., an overflow of rain at the side laps. Hitherto some Engineers have tried to guard against this very serious danger to the goods beneath, by insulating for an overlap of two corrugations instead of one. This not only added 12½ per cent to the cost of the Roof, but was not an effectual remedy. From the annexed Section and Drawing it will be at once apparent that an enormous volume of water can be carried over the Roof without overflowing the Stormproof side corrugation. It also adds to the strength and appearance of a Roof.

To ensure adoption it is of importance to insert in Specification, — "It is to be covered with British Galvanized Corrugated Iron Stormproof Sheets."

Prices on Application

Estimates also given Fixed Complete.

For Constructional Ironwork see pages 54 & 55.

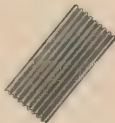
GALVANIZED CORRUGATED IRON ROOFING SHEETS.

PRIZE MEDALS:—PARIS, 1878; SYDNEY, 1880; SOUTH AFRICAN, 1877; and others.

| Prices for "Sun" Brand. (Best Quality.)

To facilitate estimating we give the price per sheet.

No Boarding required.

Cheaper than Wood
and Felt.No expense and
trouble re-tarring
which Felt requires.

Length of Sheet.		5-ft.	6-ft.	7-ft.	8-ft.	9-ft.	10-ft.
Gauge.							
No. 26	per sheet	1 11	2 4	2 8	3 1	3 5	4 4
" 24	"	2 4	2 9	3 3	3 9	4 6	5 4
" 22	"	2 9	3 3	3 10	4 5	5 4	6 3
" 20	"	3 3	3 10	4 7	5 2	6 3	7 5
" 18	"	3 11	4 8	5 5	6 2	7 6	9 0

Thicker than No. 18 Gauge can be specially supplied, prices on application.

Quotations given by weight, if preferred.

The Lengths of Sheets kept in stock, are 5 ft., 6 ft., 7 ft., 8 ft., 9 ft., and 10 ft., of all Gauges, except 10 ft. No. 18 Gauge, and 5, 3 and 10 ft. No. 22 Gauge, but which could be supplied within about fourteen days from receipt of order. "Cedar" Brand of Nos 18 and 20 Gauges not being much in demand, only "Sun" quality kept in stock in these two Gauges.

The Width of Sheets kept in stock is two feet three inches out to out, and cover, when fixed and lapped, two feet in width each, the corrugations being three inches, centre to centre, and eight in number.

"Sun" Brand (1st quality) are as specially selected sheets. "Cedar" Brand (2nd quality) are not selected sheets. If the Brand is not stated on order, "Sun" Brand will be supplied.

CURVING:—Ordinary, one half-penny per foot superficial

"O.G." One Penny

If lengths are required cut to inches, they will be charged at the price of the next larger stock size sheet (as the waste is of no value), plus 2d. per Sheet extra net for cutting.

The sheets should be fixed with the edges of the outer flutes downwards thus:—



Sheets with corrugations of 1, 2, 4 and 6 inches can also be supplied, but only 3 inches corrugations kept in stock. Prices for sizes other than 3 inches sent on receipt of particulars of quantities required.

F. B. & Co. would guard their customers against apparently low quotations for Galvanized Corrugated Iron Sheets, which, being *thick and imperfectly coated, soon rust and decay*, thus becoming *useless*, therefore are sure to give great dissatisfaction, as their durability is *very much less* than the better qualities, which are thoroughly well galvanized. The imperfections are frequently not overtaken to the naked eye, but will, nevertheless, assuredly manifest themselves before a long time has elapsed, after exposure to the weather. To put it briefly the cheapest is, in the long run, the dearest.

Galvanized Corrugated Iron Sheets should be kept dry to prevent being tarnished, and should never be stacked in the open air *without* an air space between each sheet, or in a damp place, and other moisture arising from contact when the sheets touch each other, produce an oxidation which damages the sheets. Rain will do the sheets no harm if allowed to run off and the sheets to dry in due course, but it must not be allowed to get on to or between the sheets before fixed on roof, &c. Therefore, when stacked together in the open air, they should always be well protected by a covering, and not allowed to be touched by wet or damp until fixed on the roof, &c.

For prices of Ridging, Galvanized Screws, Nails, &c., see pages 63 to 71.

CORRUGATED IRON ROOFING TILES AND ZINC SHEETS.

Improved Stamped Galvanized Iron Tiles.



The dimensions are 3 ft. x 1 ft. 9½ in., centre to centre of flutes, and 1 ft. 11 in. out to out.

PRICES.

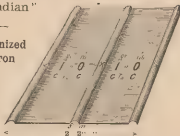
FOR "SUN" BRAND (BEST QUALITY).

No.	24	26	28 Gauge.
	1/4	1/1	10d. per Tile.

Only No. 26 Gauge Tiles kept in stock

"Canadian"

Galvanized
Iron



Pattern.

Roofing
Sheets.

Stocked in lengths of 5-ft., 6-ft., 7-ft., 8-ft., 9-ft., & 10-ft., and Nos. 26, 24, and 23 Gauges.

Prices for "SUN" BRAND (best quality) are the same as for ordinary pattern of Corrugated Iron Sheets, see page 57.

Can also be had with 4 flutes instead of 3 as shown above at 2½ % less discount.

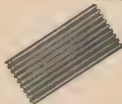
The above forms of Roofing (as well as the ordinary pattern of Corrugated Iron Sheets) are well adapted for covering Stables, Farm Buildings, Out-houses, Hay and Corn Ricks, Piggeries, Cattle Stalls, Cart Sheds, &c. Can be fixed by any farm labourer, and no boarding is required.

Only Screws, Nails, &c. that are Galvanized should be used, as the rust from ungalvanized fixings destroys the Iron. The fastenings should be fixed through the top and not through the valley of the flutes, and washers should be used with all fastenings and are always sent with Bolts and Nuts unless otherwise ordered. For Prices see page 61

Corrugated Zinc for Roofing Purposes.

CORRUGATED

ZINC.



Durability much
greater than
Galvanized Iron.

THICKNESS.

		7 feet.	8 feet.
No. 10 Zinc Gauge, equal to about 26 Standard W.G.		5/3	6/-
" 11 " " "	" 24 " "	6/-	7/-
" 12 " " "	" 28 " "	7/-	8/-
" 13 " " "	" 32 " "	7/9	9/-
" 14 " " "	" 21 " "	8/9	10/-
" 15 " " "	" 20 " "	10/-	11/6
" 16 " " "	" 19 " "	11/6	13/-

When old, its value as old Zinc is worth about one-third of the current value of new Zinc, whereas old Galvanized Iron is of no value whatever.

For our "SQUARE ROLL CAP" and "ITALIAN" CORRUGATED forms of Zinc Roofing, fixed complete—with turnings out of Solid Metal—
SEE SPECIAL CATALOGUE.

The Sheets, when fixed and lapped, cover 2-ft. 6-in. in width each.

CURVING USUAL EXTRA.

GALVANIZED IRON WEATHER-BOARDING AND HACK CAPS.

GALVANIZED IRON WEATHER-BOARDING SHEETS.

(REGISTERED.)

PRICES.

FOR "SUN" BRAND. (BEST QUALITY.)

SECTION
SHOWING LAP.

Length of Sheet.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.
GAUGE.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
No. 26 ... per sheet	1 11	2 4	2 8	3 1	3 8	4 4
.. 24	2 4	2 9	3 3	3 9	4 6	5 4
.. 22	2 9	3 3	3 10	4 5	5 4	6 3
.. 20	3 3	3 10	4 7	5 2	6 3	7 5
.. 18	3 11	4 8	5 5	6 2	7 6	9 0

Quotations given by weight, if preferred.

All the above lengths of Sheets kept in stock, except 10 ft., No. 18 Gauge, and 5, 9 and 10 ft., No. 22 Gauge, but which could be supplied within about fourteen days from receipt of order.

The advantage of this over ordinary corrugated iron sheets for upright work is that it is more economical, as each sheet has a $12\frac{1}{2}^{\circ}$ greater covering capacity than the ordinary corrugated pattern, as these "Weather-board" sheets cover, after providing for laps, 2 ft. 3 in. each in width against only 2 ft. of the ordinary corrugated pattern sheet, or a saving of one whole sheet in every nine.

HACK CAPS OR ROOFS FOR BRICKS.

No. 1.



These Iron Roofs for covering over Bricks will be found very much more durable and less costly than those made of wood. They are made of good strong Iron Sheetting, Corrugated and Curved or formed as shown in the illustrations. Can be supplied in other sizes as may be required.

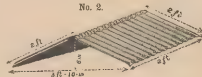
Prices for either Pattern.

Galvanized, 2/9 each.

Black, 2/- each.

Above can be supplied any other sizes, at proportionate prices.

No. 2.



F. B. & Co., LONDON, DEPTFORD, LIVERPOOL, GLASGOW and BRISTOL.

GALVANIZED CORRUGATED IRON UNCLIMBABLE FENCING.

The following are some of the advantages this material possesses over Wood: Cheaper; Durability very much greater; Labour of fixing costs less; never requires Painting or Tarring. The Painting or Tarring of Wood is a frequent and great expense.



With Spiked Edging, to prevent being Climbed.

PRICES (Exclusive of Wooden Framework.)

	2 ft.	2 ft. 6	3 ft.	3 ft. 6	4 ft.	4 ft. 6	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	High.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	
No. 26 Gauge ...	0 8	0 10	0 11	1 0	1 2	1 4	1 6	1 8	1 11	2 2	2 6	2 10	} Per ft. lineal including laps
" 24 " ...	0 9	0 11	1 1	1 3	1 4	1 6	1 8	1 11	2 3	2 6	3 0	3 5	
" 22 " ...	0 10	1 1	1 3	1 5	1 6	1 9	1 11	2 5	2 8	3 11	3 5	3 11	
" 20 " ...	1 0	1 3	1 5	1 7	1 9	2 1	2 3	2 8	3 0	3 4	3 11	4 6	
" 18 " ...	1 2	1 5	1 7	1 9	2 0	2 5	2 8	3 0	3 5	3 11	4 7	5 5	"

Prices are inclusive of sufficient Clewhead Nails (or Screws, if preferred) and Washers for fixing to the Wooden Framework.

The above is sent in widths, which, when fixed, cover 2 ft. each—i.e., 3 Sheets will, when lapped and fixed, cover 6 foot lineal.

The size of the flute is 3 in., and there are eight in the width of each Sheet.

Other heights can be supplied to order.

IRON HOUSES FOR TRICYCLES, BICYCLES, GARDEN TOOLS, &c.

Made of Galvanized Corrugated Iron.

These Houses are very cheap, completely prepared ready for screwing together, and can be fixed in a few minutes by anybody. Lock and key supplied without extra charge.

The framework (except of the door, is of wood, stained and varnished, and the framework of the doorway and door are of wrought iron.

They supply a want that has been experienced by many for the proper and safe keeping of Bicycles, Tricycles, Garden Tools, &c., &c. They are not only low in price, but attractive in appearance, and, being portable, can be easily removed if and when required. Can be confidently recommended for durability, as every care is taken in their manufacture.

No. 1.



No.

Inside Dimensions.

PRICES.

Without Floor.

With Floor.

	Length.	Width.	Height.	£	s	d.	£	s	d.
1	5-ft.	3-ft. 9-in.	5-ft.	4	2	6	4	3	6
1	6-ft.	3-ft. 9-in.	5-ft.	4	10	0	4	10	0
1	7-ft.	3-ft. 9-in.	5-ft.	5	5	0	5	12	0
1	5-ft.	5-ft. 6-in.	5-ft.	5	12	6	5	19	6
2	6-ft.	2-ft. 8 in.	6-ft.	3	1	6	3	8	0
2	6-ft.	3-ft. 9 in.	6-ft.	3	10	0	4	1	0
2	7-ft.	4-ft. 1 in.	6-ft.	4	3	0	4	12	0

No 2



These Houses can be supplied in any other sizes or shapes as may be desired.

FOR CORRUGATED IRON SHEETS SEE PAGE 57.

BRABY'S REGISTERED "STONE" PATTERN STAMPED GALVANIZED IRON SHEETS.

PRICES.—

Per Sheet.

Description.	24		26	
	Gauge.		Gauge.	
	s.	d.	s.	d.
Galvanized	1	9	1	4½
Ditto, and Painted on the outer side to repre- sent Stone	2	4	2	0
Ditto, and Painted on the outer side to repre- sent Granite	3	1	2	9

The Galvanized and Painted Sheets have "pointed" cement lines, as shown in illustration, and are *only* Painted on the outer side.



Illustration of Building Covered with the "Stone" pattern sheets.

Dimensions of Sheets, inclusive of laps, 4-ft. 0-in. long x 1-ft. 8-in. wide.

Nett covering space of each sheet, consisting of 12 "Stones," 3 ft. 10½-ins. long x 1-ft. 6¼-ins. wide.

PRICES.—

Per Sheet.

Description.	24		26	
	Gauge.		Gauge.	
	s.	d.	s.	d.
Ungalvanized	1	5	1	1
Ditto, and Painted on the outer side to repre- sent Stone	2	2	1	10
Ditto, and Painted on the outer side to repre- sent Granite	2	11	2	7

The Ungalvanized and Painted Sheets have "pointed" cement lines, as shown in illustration, and the inner side of sheets are Painted a suitable colour.

We have constructed special machinery to produce this new pattern in Galvanized Iron Sheet. This design has a more imposing and substantial appearance than the ordinary Corrugated Sheets, and is therefore much preferred. It is very cheap, and all that is required is to nail it on to Match Boarding, which requires no special workman to do, as any ordinary carpenter or handy labourer can easily fix the sheets.

One of the many and great advantages of the adoption of these Sheets for building is that such buildings are cooler in summer and warmer in winter, because the match board lining of the inside of the structure gives an air space between the outer covering of iron and the inner lining of wood, which air space breaks the conductivity of heat and cold.

GALVANIZED IRON AND ZINC RIDGE CAPPINGS.

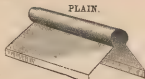
MADE IN

6 FEET LENGTHS

IN

GALVANIZED IRON.

PLAIN.



MADE IN

7 FEET LENGTHS

IN

ZINC.

CORRUGATED (to fit flutes of sheets).



(PATENTED).

This improved Ridging being made by specially designed machinery to fit the flutes of the Corrugated Iron effectually keeps out wind and weather, besides adding to the strength, finish, and appearance of the Roof.

Description.	Thickness.	PRICES per foot, lineal.		
		12 inch. Girth.	15 inch. Girth.	18 inch. Girth.
Galvanized Iron....	26 B. Gauge.	3½d.	3½d.	5d.
" " " "	24 " "	3½d.	4½d.	5½d.
" " " "	22 " "	4½d.	5½d.	6½d.
" " " "	20 " "	5½d.	6½d.	8d.
" " " "	18 " "	6½d.	8d.	10d.
Zinc " " "	12 Zinc "	5½d.	7½d.	8d.

Only the 24 B. Gauge Galvanized Iron Ridging kept in stock, but any other Gauge (and also any other Zinc Gauge) supplied promptly.

Galvd. Iron, in 4 ft. 6 in. lengths, No. 24 B. Gauge	12	15	18	in. Girth.
	8½d.	9d.	10½	
" " " " "	22	17½	1/8	1/8
" " " " "	20	1/3	1/8	1/9

Only the 15 in. Girth and No. 24 Gauge 3 in. flutes kept in stock, but the other kinds can be supplied within a few days after receipt of order.

Can be made to any required angle, but kept in stock of the usual angle of 90°.

Made for either 3 in., 4 in., or 5 in. flutes. Unless otherwise stated on order, the usual (3 in.) flutes, and gauge (No. 24) will be supplied.

Improved Scolloped Ridging.

MADE IN 6 FEET LENGTHS

IN GALVANIZED IRON.



MADE IN 7 FEET LENGTHS

IN ZINC.

This Ridging is scolloped out to fit the flutes of our Corrugated Roofing Sheets, and adds to finish and appearance of Roof.

Galvanized Iron, 26 B. Gauge .	...	15	18 inches Girth.	Galvanized Iron, 20 B. Gauge ...	...	15	18 inches Girth.
" " 21 " " "	...	5½d.	8½d. per foot, lineal.	" " 18 B. " " "	...	8½d.	10d. per foot, lineal.
" " 22 " " "	...	6½d.	7½d. " " "	Zinc " " 12 Zinc Gauge	...	8½d.	9½d. " " "

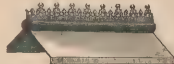
No. 1.



Corrugated to fit Flutes of Sheets.

Ornamental Ridging.

PRICE:—4d. PER FOOT, LINEAL, EXTRA
TO PRICES OF "PLAIN," "CORRUGATED,"
OR "SCOLLOPED," GIVEN ABOVE.



No. 2.

For safety in transit the Prieze is sent loose but prepared ready for Soldering to Ridge Cap.

GALVANIZED BOLTS, NAILS, AND SCREWS, for fixing Corrugated Sheets.

Galvanized Bolts, Nuts & Washers.



Size.	Per Gross.
$\frac{1}{2}$ in. \times $\frac{1}{4}$ in.	3s. 6d.
1 in. \times $\frac{1}{4}$ in.	4s. 6d.
$1\frac{1}{2}$ in. \times $\frac{1}{4}$ in.	1s. 6d.
2 in. \times $\frac{1}{4}$ in.	5s. 8d.



Galvanized Cone Head Screws.

Size.	Per Gross.	Per Cwt.
$1\frac{1}{2}$ in. \times 12 G.	1 3	44 6
2 " \times 14 "	2 3	42 0
$2\frac{1}{2}$ " \times 16 "	3 3	40 0
3 " \times 18 "	4 0	39 0

Galvanized Cone Head Nails.
Chisel-pointed.

Size.	Per Gross.	Per Cwt.
2 in. \times 5 W.G.	1 6	29 0
$2\frac{1}{2}$ " \times 4 W.G.	2 0	28 0
3 " \times 3 W.G.	2 9	27 6

Only Screws, Nails, &c., that are Galvanized should be used, as the rust from ungalvanized fixings destroys the Sheets. The fastenings should be fixed through the top and not through the valley of the flues, and washers should be used with all fastenings and are always sent with Bolts and Nuts unless otherwise ordered. FOR WIRE NAILS SEE PAGE 70. FOR ZINC NAILS SEE PAGE 71.

Drive Screws

(ROGERS' PATENT).

LARGE DEMAND.



Galvanized and Sold by F. BRABY & CO., Limited.

Stock sizes, 2 $\frac{1}{2}$, 2 $\frac{3}{4}$ and 3 inches, but any other size can be supplied.

We beg to call our customers' attention to the above Screws, which are peculiarly adapted for Roofing purposes.

No Bit Needed.—They will drive from the first.

Strength.—The thread is raised on cold wire by pressure under dies, which consolidates the metal and renders it practically unbreakable.

Holding Power.—An ordinary Screw when driven, breaks and crushes the fibres of the wood, thereby reducing its holding power to that of an ordinary Nail. This is entirely obviated in these DRIVE SCREWS, which rotate automatically with every blow of the hammer, as can be seen by watching the slot in the head. Not a fibre of the wood is disturbed.

Gain in Count.—

Size.	Grosses per Cwt.	
	Ordinary.	Rogers' Patent.
$2\frac{1}{2}$ in. \times 14	24 $\frac{1}{2}$	30 $\frac{1}{2}$
$2\frac{3}{4}$ in. \times 14	28 $\frac{1}{2}$	27 $\frac{1}{2}$
3 in. \times 16		

NOTE.—In ordering, please mention "DRIVE SCREWS."

PRICES as under in 1 Cwt. lots.

2 $\frac{1}{2}$ in., 2 $\frac{3}{4}$ in., 3 in. .. 37 6 per Cwt.

Smaller quantities 1 - per Cwt. extra.

GALVANIZED BOLTS, NAILS, RIVETS AND EMBOSSED WASHERS.

Galvanized Hook Bolts & Nuts.



Size.	3 in.	4 in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.	11 in.	12 in.	per Gross
"	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	11 1/2	12 1/2	"
"	4	5	6	7	8	9	10	11	12		"
"	4 1/2	5 1/2	6 1/2	7 1/2	8 1/2	9 1/2	10 1/2	11 1/2	12 1/2		"

OTHER SIZES QUICKLY SUPPLIED

Galvanized Clout Nails.

BEST QUALITY.



Size, in.	1	1½	1¾	2	2½	
Wrought Iron, Per Cwt.	48.6	45.6	42.6	41.6	38.6	37.

PIPE NAILS, HOOKS, TILE PEGS, GUTTER SPIKES AND SCREWS.

Pipe Nails.



(GROSS PRICE.)

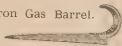
Size, Inches	2½ x ½	3 x ½	4 x ½	Per Cwt.
	2½	3	4	4 in.
Galvanized, per Gross	8/9	4	5/9	28
Black ... per Cwt.	24	2/6	1	22
Bright ..	3/6	3	-	16

Rain Water Pipe Hooks.



Size, Inches	2	2½	3	3½	4	per Cwt.
Galvanized, per Gross	8/3	11/6	13/6	15/6	20/6	30/-
Black	6/6	9/3	10/6	14/6	16/-	25/-

Hooks for Iron Gas Barrel.



Size, Inches	1	2	3	4	1	1½	1¾
Galvanized, per Gross	1/8	2	2/4	3/6	4/8	6/8	8/8
Black	1/4	1/6	2	2/10	3/10	5/3	6/9

Malleable Cast Tile Pegs.



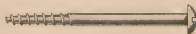
Size, inches	1½	1¾	2	2½
Black ... per Cwt.	16/-	16/-	16/-	16
Galvanized ..	20/-	20/-	20/-	20

Gutter Spikes.



Size x No. 3 W.G.	5 in.	6 in.	7 in.	Per Cwt. Any size.
Galvanized, per Gross	3/9	4/3	4/9	28 -
Black	3/6	3/9	4 -	23 -

Galvanized Gutter Screws.



Size, Inches	3½	4	4½	5	6	7	8	Per Cwt.
Per Gross, 18 Gauge ½-in. mushroom head	6/-	7 -	7/3	8/6	10 -	12 -	16	45/-

GUTTER FITTINGS.

Gutter Brackets.

FOR OUR "O.G." OR "SEMI" WROUGHT IRON OR CAST IRON GUTTERS

No. 1.



No. 2.



Nos. 1 & 2.	To Drive, up to	4½ in.	Galvanized	.. 4/- per Dozen.
"	"	5 & 6 in.	"	.. 6/-
"	"	4½ in.	Black	.. 3/9 "
"	"	5 & 6 in.	"	.. 5/- "

No. 3.



No. 4.



Nos. 3 & 4.	To Screw, up to	4½ in.	Galvanized	.. 1/- per Dozen.
"	"	5 & 6 in.	"	.. 6/-
"	"	4½ in.	Black	.. 3/9 "
"	"	5 & 6 in.	"	.. 5/- "

No. 5.



No. 6.



Nos. 5 & 6.	To Screw, up to	4½ in.	Galvanized	.. 4/6 per Dozen.
"	"	5 & 6 in.	"	.. 6/-
"	"	4½ in.	Black	.. 1/- "
"	"	5 & 6 in.	"	.. 2/- "

Gutter Bolts and Nuts.



Size.	Galvanized.	Black.
½ in. x ½ in.	3/3 per Gross	2/9 per Gross
1 in. x ½ in.	3/3 "	3/- "

GUTTER FITTINGS.

ALL KINDS OF GUTTER FITTINGS, BRACKETS, CLIPS, &c.
MADE TO ORDER.ZINC TUBES for staying Zinc Gutters cut to lengths and supplied
loose if required.

Price 45/- per Cwt.

OR

Fitted and supplied complete ... see page 121.

GALVANIZED GUTTER SCREWS for Zinc Gutters, Tubes, &c.
see page 6d.These Screws have extra large heads and are specially suitable for this
purpose.

SMITHS' FORGINGS OF ALL DESCRIPTIONS MADE TO ORDER OR QUOTED FOR ON RECEIVING PARTICULARS OF REQUIREMENTS.

WALL HOOKS, STRAINING BOLT, RICK SCREWS AND STAPLES.

Wrought Iron Wall Hooks.



Inches	2	2½	3	4	5
Per Gross	s. d.	s. d.	s. d.	s. d.	s. d.
Galvanized	3 0	3 3	4 0	5 9	8 9
Black	1 9	2 0	2 6	4 0	6 6
Per Cwt.					
Galvanized	28 0	27 0	26 0	24 0	24 0
Black	21 0	20 0	20 0	19 0	19 0

Galvanized Iron
Rick Screw. No. 12.As
COVERSTO HAY
RICKS, &c.Straining Bolt, Washer and Nut.
No. 11.OR Iron
POSTS.GALVANIZED IRON SCREWS FOR
FASTENING GALV. CORRUGATED
IRON SHEETS.

PRICE .. 10 6 per dozen.

Inches.	8	10	12	14	16	18
Per dozen.	s. d.	s. d.	s. d.	s. d.	s. l.	s. d.
Galvanized, Light	2 6	2 9	3 0	3 6	3 9	4 0
.. Strong	-	-	3 9	4 0	4 6	6 0

Strong Machine-made Staples, Galvanized, Bright and Tinned.



Inches	2	1	1½	1½	1½
Gauge	12	11	9	8	8
Price per thousand, Galv'd...	1 6	2 -	2 9	5 3	5 9
In 1 cwt. bags, Galv'd...	31 -	31 -	29 6	27 6	27 -
BRIGHT STAPLES, per cwt.	1½ in. x 18 G., 19,	1½ in. x 8 G., 16, 6			

TINNED ROUND-TOP DIAMOND-POINT STAPLES, IN 1 GROSS BOXES.

1 in. x 12	1½ in. x 12	1½ in. x 13	1 in. x 14	2 in. x 15	1 in. x 16	per
4 6	6 9	5 9	3 -	2 -	1 6	doz. boxes

GALVANIZED IRON FITTINGS FOR WIRING WALLS, &c.

Galvanized Raidisseurs for Tightening Wire.



No. 1. Strong ... 3- per doz.
No. 2. Extra Strong 3 9 ..

Wrought Iron Keys for winding do. ... 4/0 per doz.

Galvanized Malleable Improved Shouldered Terminating Holdfast. No. 3.



5-in. long. Price ... 2 per doz.

Galvanized Driving Eyes or Garden Loops. No. 4.

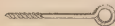


Length. Price per Gross.

2 in.	3
2 1/2 "	3 9
3 "	4 6
3 1/2 "	5 3
5 "	6 9
6 "	8/-

Sizes are measured over all.

Galvanized Screw Eyes for Vine Houses. No. 5.



1 6 8 10 12 in. long.
5 9 9 9 11 9 18/- 20 9 per gross.

Galvanized Straining Bolt with Holdfast.

No. 6.

No. 7.



STRAINING BOLT & NUT. No. 6. | HOLDFAST. No. 7.

3	4	5	6 in. long.	4 in. long.
11/-	18/-	18/-	20 per gross.	1 6 per doz.

Galvanized Double Straining Screw. No. 8.

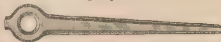
VERY



USEFUL.

4 in. ... (as shown) ... 3 9 per doz.
Stronger and Larger Straining Screws as follows :-
6 in. ... 14/- per doz.
7 in. ... 18 6 ..
10 in. ... 34- ..
12 in. ... 38 6 ..

Galvanized Malleable Improved Intermediate Guiding Eye. No. 10.



1 1/2	2	2 1/2	3	3 1/2	4 1/2	6 in. long.
2 6	3/-	3 6	4/-	5/-	6/-	9 6 per gross.

WIRE NAILS.

ROUND



WIRE NAIL.

ROUND WIRE NAILS.

Size	1-in.	1 $\frac{1}{4}$ -in.	1 $\frac{1}{2}$ -in.	1 $\frac{3}{4}$ -in.	2-in.	2 $\frac{1}{2}$ -in.	3-in.	3 $\frac{1}{2}$ -in.	4-in.
Gauge	16	15	14	13	12	10	9	9	8
PRICE per cwt.	20/9	19/6	18/6	17/-	16/6	15/8	14/6	14/0	13/9

OVAL WIRE NAILS.

Size	1-in.	1 $\frac{1}{4}$ -in.	2-in.	2 $\frac{1}{2}$ -in.	3-in.	3 $\frac{1}{2}$ -in.	4-in.
Gauge	14 x 18	12 x 16	10 x 14	8 x 12	6 x 10	5 x 9	4 x 8
PRICE per cwt.	22/8	22/-	18/-	16/9	16/-	14/9	15/6

WIRE SLATE NAILS.

This is a very useful Nail; the heads are broad, and necks clean. 1 $\frac{1}{2}$ x 10 Gauge. Much in demand.

Bright	18/8 per cwt.	Galvanised	28/6 per cwt.
Do. EXTRA Broad Heads ...	19/8 ..	Do. EXTRA Broad Heads ...	30/- ..

OVAL



WIRE NAIL.

BLUED WIRE CLOUT NAILS.

Size	1-in.	2-in.	2 $\frac{1}{2}$ -in.	1-in.	1 $\frac{1}{2}$ -in.
Gauge	14	13	12	12	11
PRICE per cwt.	22/-	21/-	20/8	20/2	19/6



CLOUT NAIL.



CLOUT NAIL.

BRIGHT WIRE LATH NAILS.

1 x 14 Gauge ... 19/6 per cwt.

1 $\frac{1}{2}$ x 14 Gauge ... 19/6 per cwt.

All Nails in quantities of less than 1 cwt. of a size, 1/- per cwt. extra Net.

Special quotations for parcels of 1 ton and upwards.

ZINC AND COPPER NAILS.

ZINC NAILS.

"V.M."



ZINC SLATING NAILS: "V.M.," and "F.B." Brands.

Being makers of Nails, we give very special attention to our "F.B." BRAND, and Stamp our initial letters (FRED^o. BRABY) upon every Nail.

The heads are broad, and great care is exercised in their manufacture.

SIZES KEPT IN STOCK, "F.B." Brand ..	..	..	$\frac{1}{4}$.	$\frac{3}{8}$.	1.	$1\frac{1}{4}$.	$1\frac{1}{2}$.	2 in.
Do. Do. "Ordinary" Brand ..	..	..	$\frac{1}{4}$.	$\frac{3}{8}$.	1.	$1\frac{1}{4}$.	$1\frac{1}{2}$.	2 ..

"F.B." Brand recommended—a stout Nail, with broad head.

Of the "V.M." Brand $1\frac{1}{2}$ in. Slating Nail is stocked, this being the size mostly in demand.

"F.B."

ZINC SHEATHING NAILS.—KEPT IN STOCK 1, $1\frac{1}{4}$, $1\frac{1}{2}$ in.

EVERY KIND OF ZINC NAIL MADE, INCLUDING BRADS, ROSE HEADS, CLASPS, FLAT HEAD SLATING NAIL, COUNTERSUNK HEAD SHEATHING NAIL, &c.



COPPER NAILS.

ALSO MAKERS of all kinds of Copper Nails. Large stocks and prompt deliveries.

1 in. and larger, in parcels of not less than 28 lbs. ..	per lb.	$\frac{1}{2}$ in. and larger, in parcels of not less than 7 lbs. ..	per lb.
$\frac{1}{2}$ " " " " " 14 " ...	"	$\frac{1}{2}$ " " " " " 7 " ...	"
$\frac{3}{4}$ " " " " " 14 " ...	"	$\frac{3}{4}$ " " " " " 7 " ...	"

As the cost of Nails varies with the Market values of Zinc and Copper, it is not possible to publish prices; but our MAKERS we are, however, always in a position to supply at lowest rates. FOR ZINC, COPPER AND BRASS SHEATHING, see page 73.

FOR PARTICULARS OF WEIGHTS per pound of ZINC and COPPER NAILS see "USEFUL MEMORANDA" page 3.

SHEET LEAD, LEAD PIPES, &c.

Sheet Lead.

8 lbs. per square foot	in.	nearest B.W.G.	18
4	"	"	18
5	"	"	11
6	"	"	12
7	"	"	"
8	"	"	11

Can be supplied of any weight, say from 2 lbs. to 26 lbs. per square foot.

Lead Barrel Pipe.

2 1/2 in.	36 lbs.	112 lbs.	120 lbs.	Weight
3	120	140	180	Per 10 ft. length in any length under 15 feet.
3 1/2	170	160	190	
4	210	200	240	
4 1/2	260	250	280	
5	310	300	330	
6	360	350	380	

(USUAL EXTRAS OVER ORDINARY PIPES.)

Lead Pipe.

1	10.	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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SHEET ZINC, COPPER AND BRASS.

ZINC SHEETS.

"VIEILLE MONTAGNE" Brand £ per ton.

Silesian or English £ "

IN HALF-TON LOTS OF ONE GAUGE, 10/- PER TON LESS.

We have always the largest and best assorted stock of "V.M." ZINC (this Brand being always the best value) in the United Kingdom. Any Gauge, from No. 4 to 18, of ordinary trade sizes may be obtained IMMEDIATELY, either for Shipment or Home Consumption.

We have also a good stock of our Special "V.M." ROOFING QUALITY SHEETS up to 10 ft. long in VARIOUS GAUGES.

ALSO WIRE GAUGE PLATES FROM $\frac{3}{8}$ IN. THICK DOWN TO 17 W.G.

ZINC PAPER PLATES PRICES ON APPLICATION.

ZINC SHEATHING SHEETS—PRICES ON APPLICATION.

WE CAN ROLL AND SUPPLY SPECIAL SIZES OF ALL GAUGES PROMPTLY. FOR ZINC AND COPPER NAILS, SEE PAGE 71.

COPPER SHEETS.

BEING LARGE HOLDERS of Sheet Copper for Boilino, PEROXIDATING, and various other Manufacturing purposes, such as BATHS, BOILERS, WASHING COPPERS, &c. &c., we can supply on very advantageous terms. We have at all times large stocks of ordinary Sheets—usual sizes and weights.

HARD ROLLED COPPER.

ALSO SHEETS OF SPECIAL FINISH.

SOFT COLD ROLLED, &c.

BRASS SHEETS.

We have a large stock of Sheet Brass, and Sheets 4 ft. x 2 ft., and 6 ft. x 1 ft. 6 in., can always be despatched on receipt of order—in most gauges.

BEST PRICES GIVEN FOR NEW ZINC AND COPPER CUTTINGS—DELIVERED TO OUR WORKS.

SPELTER, ZINC BOILER AND STENCIL PLATES.

SPELTER.



HARD	£	per ton.	"V.M." (Vieille Montagne) ...	£	per ton.
RE-MELTED	"	"	...	"	"
SUPERIOR VIRGIN	"	"	...	"	"
EXTRA SUPERIOR VIRGIN . .	"	"	...	"	"

As costs vary so frequently by fluctuations of the markets, we cannot print prices, but our valued correspondents may rely upon only fair charges being made, according to quantity, or we shall be pleased to quote upon application.

ROLLED ZINC BOILER PLATES.

THESE PLATES ARE GENERALLY PREFERRED WITH A $\frac{3}{4}$ IN. HOLE IN EACH.

SIZES IN STOCK	...	12 in. x 6 in. x 1 in. thick	...	75/- per dozen.
	"	" x " x $\frac{3}{4}$ in.	...	87/6 "
	"	" x " x $\frac{1}{2}$ in.	...	40/6 "
	"	" x " x $\frac{1}{4}$ in.	...	22 6 "

SPECIAL QUOTATIONS GIVEN FOR LARGE QUANTITIES, OR FOR SHIPMENT.

ZINC STENCIL PLATES. All kinds of Zinc Stencil Plates to Order.

Ordinary 3 in. Letters 6d. to 8d. per Letter for separate Letters.

STENCIL ALPHABETS.

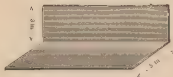
1 in. Letters	4/6 per Set.	2 in. Letters	9 8 per Set.
1½ in.	7 8 "	2½ in.	11 9 "
3 in. Letters	12/6 per Set.		

ZINC CLIPS, SOAKERS, PLATES, &c.

ZINC CLIPS FOR SLATERS' OR GLAZIERS' USE.

5 in. to 7 in. long $\times \frac{3}{8}$ in. to 1 in. wide. 12 Gauge kept in stock. SAMPLES AND PRICES ON APPLICATION.

ZINC SOAKERS -Folded. Made to suit the various size Slates used.



9 in. long \times 5 in. \times 3 in. \times 11	Zinc ... 31/6 per gross.	\times 9 Zinc ... 27/- per gross.
11 in. " \times 5 in. \times 3 in. \times 11	" ... 40/-	" \times 9 " ... 32/6 "
12 in. " \times 5 in. \times 3 in. \times 11	" ... 45/-	" \times 9 " ... 37/6 "

Other Sizes can be supplied in any Gauge required.

The same size Soakers can be otherwise folded without extra charge.

We have special facilities for Folding, and can supply at very low rates. PRICES ON RECEIPT OF PARTICULARS.

BEADED ZINC FOR STEP FLASHING.

Kept in Stock.

Any Width.

TANNERS' ROLLING BEDS.

THESE ARE MADE OF ZINC PLATES specially rolled, selected, squared, trued and flattened. They are found to be far preferable to the old description of Wooden Beds, and are now gradually displacing them. F. B. & Co. have supplied some of the largest Tanners in Bormondsey and elsewhere with these Plates. A large quantity of $\frac{3}{8}$ in. and $\frac{1}{2}$ in. Zinc Plates, 8 ft. \times 3 ft., of specially smooth surface is kept in stock, ready for preparation, so that the Plates may be promptly despatched. Special sizes rolled and supplied quickly.

PRICES ON APPLICATION.

SALT SAW, TROUGH, GUARD FOR PIPES, SMALL FLUTED ZINC.

Zinc Salt Saw.



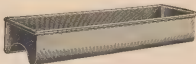
PRICES.

14 in. long	...	13/6	per dozen.
16 in. "	...	14/6	"
18 in. "	...	15/-	"

Zinc Troughs for Hot Water Pipes.

Made of 12 Gauge.

2 ft. 10 in. long x 3 in. deep, to fit over 4 in. Pipes.



PRICE	...	...	...	...	72/-	per dozen.
"	...	(for less than a dozen)	...	...	7-	each.

OR MADE TO ANY OTHER DIMENSIONS REQUIRED

Small Corrugated or Fluted Zinc.

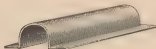
FULL SIZE OF CORRUGATIONS SHOWN.



Prices Given on Receipt of Quantity and Thickness of Material required.

GALVANIZED IRON GUARDS FOR PIPES.

PRICES.



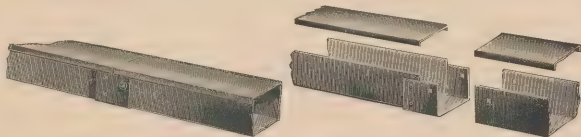
USED FOR PROTECTING LEAD AND OTHER PIPES.

FOR PIPES.	3	3½	4	4½	5	INCHES DIAMETER.
Per 6 ft. length.	3/0	4/3	4/6	4/6	5/8	x 20 W.G.
Do.	4/0	5/6	6/-	6/3	6/6	x 18 "
Do.	5/0	7/6	7/9	8-	8/0	x 16 "
Do.	7/6	9-	9/3	9/6	10/6	x 14 "

The prices are assuming not less than 3 lengths of a size are ordered at one time, but special Quotations given for Quantities.

GALVANIZED IRON CASING FOR ELECTRIC WIRES.

Electric Wire Troughing or Casing.



THIS TROUGHING is largely adopted by Electrical and other Companies for the purpose of carrying Electric Wires through subways. The lengths are so made as to be easily fitted together, and the lids being made removable, the wires can be examined with facility.

IT IS VERY DURABLE.

The Troughing can be made to any dimensions, for which we should be pleased to quote on application. The sizes mostly used are as under: -

PRICES.

2 in.	4 in.	6 in.	8 inches square.
20	18	16	16 W. Gauge.
56	96	15 -	30 - per 6 ft. length.

In 6 ft. lengths, with Bolts, Nuts and Washers complete for fixing. Special Quotation on receipt of Specification.

GALVANIZED AFTER MANUFACTURE.

ZINC BATTERY PLATES and RODS.

BRABY'S specially prepared and Refined ZINC BATTERY PLATES
and
ZINC RODS

For Electrical Purposes.

PLATES: All thicknesses and shapes, with or without Copper Tongues.

RODS: "V.M." BRAND	...	Kept in stock, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ and 1 in.	
In 6 or 8 ft. lengths.	In $\frac{1}{2}$ cwt. lots and upwards	... ... £	per cwt.
If cut and slotted	" " "	... "	"
If polished, cut, and slotted	" " "	... "	"
The above in small quantities "	... "	"

ANY OTHER LENGTHS OR DIAMETERS CAN BE OBTAINED.

Also BRABY'S specially prepared Solid Drawn ZINC RODS.

OF EXTRA PLEASANTLY.

IN USING Zinc for Electrical Purposes, it is essential that good and pure metal only should be employed, as it is so much more durable.

Prices, of course, vary with the current value of zinc, but lowest rates are always charged. Estimates given upon application.

THE PURER THE ZINC THE LESS WEARING EFFECT THE ACID HAS UPON IT.

ZINC RODS Amalgamated with Copper Wire. SEE PAGE 79.

ZINC RODS FOR ELECTRICAL PURPOSES. POST OFFICE PLATES.

Zinc Rods Amalgamated with Copper Wire for Electrical Bell Batteries, &c.



FULL SIZE No. 2.

ZINC RODS FOR LECLANCHE BATTERIES, &c.

No. 1. ... 7 in. long \times $\frac{1}{8}$ in. DIAMETER.

26½ per 100.

No. 2. ... 6 in. long \times $\frac{1}{8}$ in. DIAMETER.

17½ per 100.

No. 3. ... 5 in. long \times $\frac{3}{8}$ in. DIAMETER ... 18½ per 100.

THESE RODS WILL GIVE THE TRADE GREAT SATISFACTION.

The above are good Rods, but we can supply Electricians with a very Pure SOLID DRAWN ZINC Rod of great density, if required. SEE PAGE 74.

ZINC CYLINDERS AND ZINC PLATES IN ALL SIZES AND SHAPES.

ZINC PLATES
For Post Offices, &c.

THE PRICES OF POST OFFICE PLATES, of course, vary with the size required, and the size and number of Letters, &c.

WE HAVE SUPPLIED CONSIDERABLE QUANTITIES.

Can be made in Brass, if required.

Also with Letters "V.R.," or Monogram, with Crown, &c., if desired.

LIGHTNING CONDUCTORS, TERMINALS, &c.

LIGHTNING CONDUCTORS

— FOR —

CHURCHES, TOWERS, CHIMNEYS, MANSIONS, SHIPS, YACHTS, &c.

COPPER STRAND
WIRE

COPPER STRAND ...	Diam.	$\frac{1}{2}$ in.	$\frac{3}{8}$ in.	$\frac{1}{2}$ in.	$\frac{5}{8}$ in.	$\frac{3}{4}$ in.
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PRICE..	... per foot	6d.	9d.	10.d.	13	14 $\frac{1}{2}$
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COPPER TAPE ...	Size	$\frac{1}{2} \times \frac{1}{8}$ in.	$1 \times \frac{1}{8}$ in.	$1\frac{1}{2} \times \frac{1}{8}$ in.	$1\frac{3}{4} \times \frac{1}{8}$ in.	$1\frac{1}{2} \times \frac{1}{4}$ in.
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PRICE..	... per foot	10 $\frac{1}{2}$ d.	1/-	1/3	1/4 $\frac{1}{2}$	16
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SOLID TERMINALS, Plain Points, 5 ft. long, with Steadys and Coupling for Rope or Tape ...	Size, $\frac{1}{2}$ in.	1 in.	$\frac{3}{4}$ in.
...	21	25 6	30 - each.

" TRIPOD TERMINALS, 5 ft., with Steadys and Coupling for Rope or Tape ...	31 6	37 6	46 - "
---	------	------	--------

COPPER EARTH PLATES, 3 ft. x 3 ft. x $\frac{1}{8}$ in. ...	46	each.
--	----	-------

" " " 3 ft. x 1 ft. 6 in. x $\frac{1}{8}$ in. ...	35/-	"
---	------	---

" PROTECTION PIPES, 7 ft. long x $\frac{1}{2}$ in. diameter ...	18 -	"
---	------	---

HOLDFASTS, for Rope or Tape ...	7 6	per doz.
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From 10 ft. to 20 ft. of Rope is required for the Earth connection.

DELIVERED IN LONDON. PACKING EXTRA; NOT RETURNABLE.

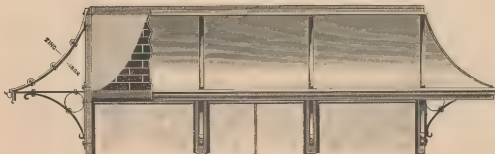
The Copper used is of the purest quality, and the Fittings are in accordance with the most modern scientific practice, and the Rules of the Lightning Rod Conference. Our Terminals are made of Solid Copper Rods and with perfect Couplings.

ESTIMATES COMPLETE ON RECEIPT OF SPECIFICATION.

ALL PRICES SUBJECT TO MARKET FLUCTUATIONS AND TO ALTERATION WITHOUT NOTICE.

VERANDAHS.

ZINC VERANDAH OR WINDOW AWNING.



The above represents one of many Zinc Verandahs applied by us complete with Brackets for fixing as shown.

Prices on receipt of dimensions, &c. Fixed or unfixed.

ORNAMENTAL AND USEFUL—PROTECTING AND PRESERVING FRONTAGE OF HOUSE, WINDOWS, &c. DURABLE.

VERANDAH.

WE CAN MAKE VERANDAHS
TO ANY DESIGN
SUPPLIED US AND FIX
COMPLETE



WITH
CAST IRON
ORNAMENTAL COLUMNS, &c.,
WHEN REQUIRED.

ESTIMATES ON RECEIPT OF DIMENSIONS, &c.

F. B. & Co., LONDON, DEPTFORD, LIVERPOOL, GLASGOW and BRISTOL.

ZINC LETTERS, SASH-LIGHTS AND FOOT WARMER.

ZINC BLOCK LETTERS.



As supplied by us to many of the largest Hotels in London and elsewhere. Also for Sky Signs, &c.
SPECIAL QUOTATIONS GIVEN UPON RECEIPT OF PARTICULARS. OTHER DESIGNS TO ORDER. GILDED IF REQUIRED.

ZINC SASH-LIGHTS AND CASEMENTS.

Made either Plain or Ornamental to order.

Suitable for Glazing. Price upon Application.

No. 1



No. 2



No. 3.



CARRIAGE FOOT WARMER.



This article will be found very useful in Private Carriages, &c., during the cold weather. It is strongly made, the Body being made of stout Zinc and the ends of Brass. There is a Brass Screw Filling Plug fitted for filling and emptying purposes.

Ironmongers should stock them or they lose SALES of them.

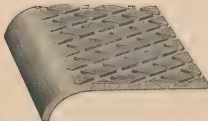
PRICES.

	15 in. long.	24 in. long.
Japanned Blue, Brass Ends	11 6	12 6 each.
Covered with Carpet, Brass Ends	13 9	15 9 "

FOR ZINC WINDOW VENTILATORS AND CASEMENTS TO OPEN, SEE PAGE 338.

WROUGHT ZINC AND BRASS STAIR NOSING.

Diamond Pattern
of Zinc



Stair Nosing
or Brass.

There has long been a demand for a **Cheap Stair Nosing** to protect edges of Stairs for Offices, Shops, Warehouses, &c.

We have introduced a speciality to meet this demand, and at very low rates, viz.:-

PRICES IN ZINC

FLAT.		With Nosing as Shewn.							
1 in.	2 in.	2½ in. and 2¾ in.	3 in.	3½ in.	3¾ in.	4 in.	4½ in.	5 in.	6 in. wide.
8d.	10d.	1/-	12	13	1¼	16	1¾	1.10	2/- per lineal foot.

MEASUREMENTS ARE OVER ALL.

PRICES IN BRASS.

2 in.	3½ in.	4 in.	5 in.	6 in.
26	3/-	4/3	5/9	7 - per lineal foot.

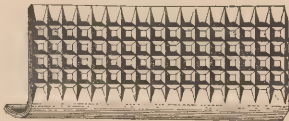
CUT TO ANY LENGTHS. MEASUREMENTS ARE OVER ALL. SAMPLES AND PRICES OF OTHER DESIGNS CAN BE SUBMITTED.

BRASS AND ZINC STAIR NOSINGS.

BRASS EDGING FOR STAIRS AND STEPS Machine Chequered.

Appearance,

Lightness,



Economy,

Durability.

These Brass Nosings are of absolutely equal thickness from end to end, well finished, bright, elegant, durable and economical. They are being extensively used for covering door steps of Private Houses, Banks, Hotels, Offices, Cabin Stairs of Yachts, &c. By our improved process of manufacture a higher finish is given to these articles than has heretofore been attained. They can be made in any length required. MACHINE DRAWN MOULDINGS to any design in Zinc, Brass, Bronze, Nickel, &c.

For prices and sections see page 85.

FOR OTHER DESIGNS SEE PAGE 83.

BRASS AND ZINC STAIR NOSINGS SECTIONS.

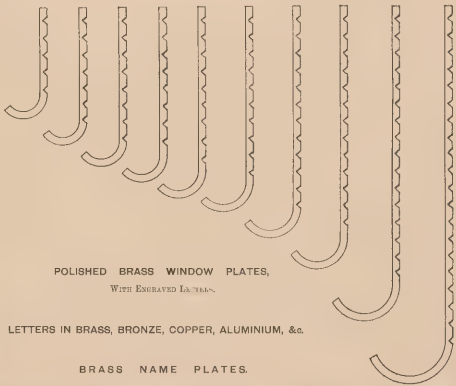
THE PRICES APPLY TO THESE SECTIONS AND TO ABOUT THE THICKNESS SHOWN. WE CAN, IF REQUIRED, WORK TO CUSTOMERS' SECTIONS.

PRICES, per Foot Lineal.

2 in. 2½ in. 2¾ in. 3 in. 3½ in. 3¾ in. 4 in. 5 in. 6 in. 8½ in.

Size. In Brass. In Zinc.

Inches.	s.	d.	s.	d.
2	2	6	1	6
2½	3	0	1	9
3	3	9	2	0
3½	4	3	2	3
4	4	6	2	6
5	6	0	3	6
6	7	3	4	0
7	8	6	4	6
8	9	9	5	3
8½	13	3	7	6



ASTRAGALS.

No. 1. In Coils.



No. 1. In Coils.

STRONG
ZINC ASTRAGALS.Section
No. 1.

In Coils.

PRICES for Ordinary Section, as No. 1.

Bead.	Diameter.	Per Doz.	Bead.	Diameter.	Per Doz.	Bead.	Diameter.	Per Doz.
$\frac{1}{2}$ in.	2 in.	4d.	1 in.	4 in.	1/8	$1\frac{1}{2}$ in.	6 in.	3/4
"	4 "	7d.	"	6 "	2/4	"	8 "	4/1
"	6 & 8 in.	1/2	"	8 "	3/-	"	10 & 12 in.	5/6
"	10 " 12 in.	1/9	"	10 & 12 in.	4/9	"	16 in.	7/3
			"	16 in.	8/9	"	18 & 20 in.	11/4
			"	24, 26, & 30 in.	9/3	"	24 " 30 in.	12
			"	36 in.	11/6	"	36 in.	16/-
$\frac{3}{4}$ in.	3 & 4 in.	1/2	$1\frac{1}{4}$ in.	6 & 8 in.	3/8	2 in.	12 in.	10
"	6 " 8 "	2/3	"	10 " 12 in.	4/3	"	16 "	13
"	10 " 12 in.	3/9	"	16 in.	6/9	"	18 & 20 in.	20
"	16 in.	4/-	"	18 & 20 in.	9/-	"	24 " 30 in.	24
"	20, 24, & 30 in.	7/6	"	24, 30, & 36 in.	11/6	"	36 in.	30/-

NOTE.— $1\frac{1}{2}$ in. Bead supplied at proportionate prices.Section
No. 2.

In Rings.

ZINC ASTRAGALS.—External Section (No. 2) ... $1\frac{1}{2}$, $1\frac{1}{4}$, $1\frac{1}{2}$, 2 in. Bead.ANY DIAMETER 1 IN. & 8 IN. AND LABEL, P. 1 TO $1\frac{1}{2}$ IN. BEAD, AND 2 IN. BEAD, FROM $1\frac{1}{4}$ IN. DIAMETER AND UPWARDS, AT 15% EXTRA OVER PRICES OF No. 1 Section.

FOR OTHER USEFUL BRADING, SEE PAGES 92 AND 93 AND 380 TO 393.

ASTRAGALS AND CYCLE GEAR CASES.

Section
No. 1.

In Coils.

STRONG
IRON ASTRAGALS.

PRICES for Ordinary Section, as No. 1.

Per Dozen.				Per Dozen.				Per Dozen.			
Bead.	Diameter.	Black. Galvd.		Bead.	Diameter.	Black. Galvd.		Bead.	Diameter.	Black. Galvd.	
$\frac{1}{2}$ in.	2 & 4 in.	9d.	5d.	$\frac{1}{2}$ in.	3 & 4 in.	8d.	10d.	$1\frac{1}{2}$ in.	6 in.	3/6	4 3
"	6 in.	7d.	8d.	"	6 in.	1/	1/6	"	8 & 10 in.	5/	4 3
"	8 & 10 in.	8d.	11d.	"	8 & 10 in.	1/10	2/3	"	12 " 16 "	9/	12
"	12 in.	1/3	1/9	"	12 in.	3/6	4/6	"	18 " 20 "	9 9	12

We can make IRON ASTRAGALS with $1\frac{1}{2}$ in. Bead, extra deep, viz.: about $1\frac{1}{2}$ in. A very useful Bending.
Prices on application.

Section
No. 1.

In Coils.

GEAR CASES FOR CYCLES. IN ZINC, TINNED IRON or ALUMINIUM.

Unfitted.



PRICES

ON

APPLICATION.

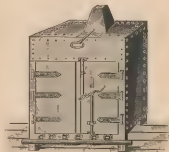
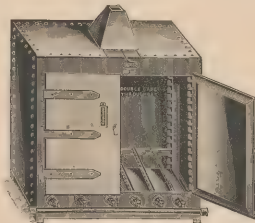
Fitted.



FOR STOPS FOR ENAMELLING CYCLE FRAMES, SEE PAGE 88.

IMPROVED WROUGHT IRON ENAMELLING STOVES.

For Enamelling Cycle Frames, &c., &c.
 Double Cased. Single Cased.



THE ABOVE ARE DESIGNED TO BE HEATED BY GAS.

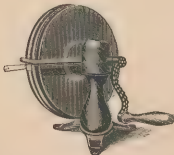
Nos.	Height	Width	Depth	PRICES EACH.			Nos.	Height	Width	Depth	PRICES EACH.		
	feet.	feet.	feet.	£	s.	d.		feet.	feet.	feet.	£	s.	d.
1	6	4	3	15	15	0	1	6	4	3	10	7	6
2	6	5	4	21	15	0	2	6	6	3	12	7	6
3	6	6	4	25	10	0	3	6	6	5	15	0	0
4	6	6	4	28	10	0	4	6	6	6	17	5	0
5	6	9	4	34	10	0	5	6	9	4	18	0	0
6	7	9	5	39	0	0	6	6	9	6	20	5	0

Thermometers 15 - each.

Thermometers 10, 6 each.

ANY SPECIAL SIZE OF STOVE QUOTED FOR ON RECEIPT OF SPECIFICATION.

THE "GEM" KNIFE CLEANER.



This is a very SIMPLE and EFFICIENT MACHINE, recommended for general family use. It cleans and despoils of knives with great rapidity and puts a splendid polish upon the Blades. It does not scratch or injure knife handles and the blades are not scratched and worn, as with the large Box Machines.

Any person can use the Machine with perfect ease and clean knives as fast as they can be taken up and passed in and out. It is warranted to clean knives as quickly as a Machine five or six times its price and in a far superior and more satisfactory style.

The Machine is fitted with a pair of PATENT FELT REVERSIBLE CLEANING BUFFERS and thereby possesses the durability of two ordinary Machines. At an expense of 2s. a pair of new Buffers can be put in and the Machine is then substantially as good as new. With fair constant wear a pair of these Buffers will last two or three years.

Shippers and Exporters will find this an excellent article for a Colonial and Foreign Trade. It will not be injured by any change of climate and the Machine, being so entirely simple, does not readily get out of order.

PRICES—No. 1, 12s.; No. 2, 15s. each.

Extra Patent Felt Cleaning Buffers sent by post. No. 1 size, 3s. per pair, and No. 2, 4s. per pair.

DIRECTIONS FOR USE.

Let the Machine be firmly screwed down; put about a table spoonful of good Knife Powder in the hole of back disc about once a week. For convenience of putting Knife Powder in, the handle may be unscrewed and the disc laid down flat. Do not screw the nut on too tight but allow just sufficient pressure to take the stains out of knife blades. Wipe all knives free from grease before putting them into Machine. Put a little oil occasionally into the hole at top of pedestal. Knives must be put in with their Blades steadied against the underside of knife rest.

N.B.—Pocket knives must not be put into the Machine to clean, as they cut the Buffers.

Hundreds of these Machines have been sold during the past fifteen years, and they give the greatest satisfaction.

TILES FOR FLOWER BOXES.

ORNAMENTAL TILES FOR FLOWER BOXES.

AN ASSORTMENT of the best Patterns kept in stock and can be supplied at the following prices.

TILES.	EACH.	TILE.	EACH.
8 in. x 8 in. Plain Enamelled ... Colour K 5		8 in. x 8 in. Majolica No. 866 M ... Colour K 15	
" " " " " " 7		" " " 866 " " " 37	
" " " " " " 15		" " " 759 " " " 5	
" " " " " " 18	s. d.	" " " 461 " " " 15	s. d.
" " " " " " 20	3 2	" " " 423 " " " 18	3 6
" " " " " " 37		" " " 585 " " " 20	
" " " " " Primrose		" " " 561 " " " 10	
" Majolica No. 802 M ... Colouring B ...	4 6	" " " 886 " " Colouring A ...	5 3
" " " 423 " Turquoise and White ...	4 0	" " " 866 " in Colours on K 9 ...	4 6
" " " 856 " ... Colouring A ...	4 6	" E.W. " 70 R Black and Salmon on Buff ...	2 0
" " " 813 " Cobalt Blue Ground ...	4 6	" " " 1584 H Brown on Pale Buff ...	1 8
" " " 814 " ... Colouring A ...	4 6	" " " 1825 H Green and White ...	1 8

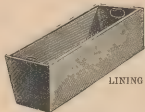
FOR PRICES OF ZINC FLOWER BOXES SEE PAGE 91.

Estimates given for Boxes made to fit Bay Windows, with bevelled ends, &c.

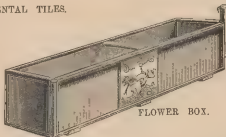
ZINC FLOWER BOXES, FERN CASES, &c.

BRABY'S IMPROVED ZINC FLOWER BOXES.

WITH OR WITHOUT ORNAMENTAL TILES.



LINING BOX.



FLOWER BOX.

THESE FLOWER BOXES are supplied with removable corner fastenings so that Ornamental Tiles can easily be slipped into them. They can therefore be supplied in Plain Zinc; the Tiles fixed in and Boxes japanned at destination if desired. THIS IS FOUND TO BE OF GREAT ADVANTAGE IN THE EVENT OF TILES REQUIRING TO BE REPLACED, BOXES RE JAPANNED, &c.

AN ASSORTMENT OF ORNAMENTAL TILES CAN BE SENT FOR APPROVAL. Carriage to be paid by purchaser both ways.

A Plain Zinc Flower Box (without lining), and with corner fastenings as shewn above, say 3 ft long x 9 inches wide x depth to take 8 in. Tiles, would cost 14 9.

And Lining Boxes for same to take mould, with drop handles, 6 9 each.

Boxes under 3 ft. long would not cost less, but as sizes of boxes vary so much it is not possible to give more than a price of one size so that an approximate idea of cost may be obtained.

QUOTATIONS GIVEN FOR ABOVE BOXES (or of the cheaper ordinary make) WITH OR WITHOUT TILES ON APPLICATION.

BRACKETS FOR FIXING IF REQUIRED.

EMBOSSED ZINC PLAQUE
OR
TILE.



QUARTER-FULL SIZE.

We could also supply a ZINC FRONT, with return ends into window and bottom for Flower Pots to stand on. The front ends ends ornamented with our EMBOSSED ZINC ORNAMENTAL PLAQUES, OR TILE, as shewn.

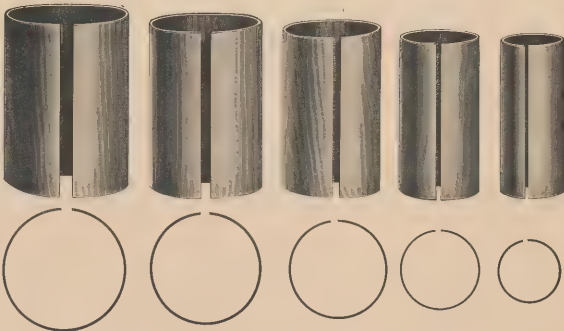
PRICE, 3 ft. long, 20 -

ENAMELLED WOULD LOOK VERY HANDSOME.

ZINC AQUARIA AND FERN CASES MADE TO ORDER.

DRAWN TUBES IN ZINC.

ZINC TUBES.



These Circular Mouldings, or Tubes with Open Joints, are very useful as Readings and for other purposes.

PRICE	per	1	in.	in	ZINC (in 8 ft. Trade lengths)	...	...	...	16/-	per 100 ft. run.
Do.	1 1/2	in.	...	...	...	...	...	...	20/-	...
Do.	1 1/4	in.	...	...	...	...	...	...	24/-	...
Do.	1 1/2	in.	...	...	...	...	...	...	28/-	...
Do.	2	in.	...	...	...	...	...	...	30/-	...

WE HAVE MANY OTHER DIES THAN THOSE SHOWN.

NEARLY ALL DIAMETERS AND GAUGES CAN BE PRODUCED.

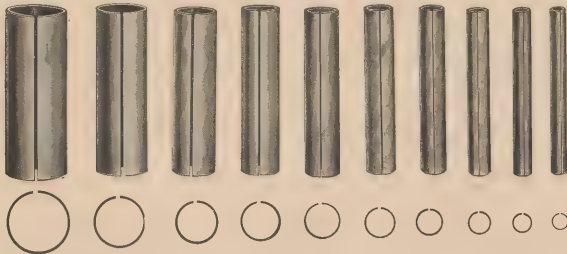
DRAWN TUBES IN ZINC AND IRON.

ZINC BELL TUBES.

These are always charged at lowest current rates. The PRICES, of course, fluctuate with the market value of sheet Zinc.

USUAL SIZES ARE ... $\frac{1}{4}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in., $\frac{1}{2}$ in., 1 in. diameter, by Trade lengths of 8 ft., but other diameters are always in stock.

CAN BE SUPPLIED WITH SOLDERED JOINTS IF REQUIRED. SPECIAL QUOTATIONS FOR EXPORT.



THERE IS ALSO A DEMAND for some of the above Tubes in GALVANIZED IRON and we always keep a few sizes in stock in this material.

PRICE :- $\frac{3}{4}$ inch diameter \times 22 W.G. 8- per 100 ft. run

Do. $\frac{1}{2}$ " " " \times " " " " " 11- " "

Do. $\frac{3}{4}$ " " " \times " " " " " 12- " "

Do. $\frac{1}{2}$ " " " \times " " " " " 15- " "

Do. $\frac{3}{4}$ " " " \times 20 " " " 21,6 " "

In 6 ft. trade lengths.

ALL KINDS OF DIES MADE. FOR OUR PATENT CLOSE-JOINTED SPEAKING TUBES, SEE PAGE 122.

SPINNING AND POLISHING.

SPINNING AND POLISHING.

We have now every facility for SPINNING and POLISHING articles for the TRADE in various metals, *v.z.* —COPPER, ZINC, BRASS, ALUMINIUM, &c., and shall be pleased to quote for same, or for any parts required to be Spun on receipt of Drawings or Tracings.

On this and the following page we show a few examples, but for many of our Articles Spun in ALUMINIUM see page 394 and upwards (*also "Special Index" of Aluminium Goods at page 395*).

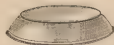
Spinning is a Speciality with us—both for the HOME TRADE and for EXPORT.

SPINNING.



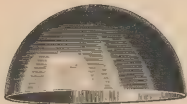
SPINNING AND POLISHING.

SPINNING AND POLISHING.



SPUN SHELLS FOR WATER BALLS, &c.

— IN ZINC, COPPER, &c. —



1 in., 1½ in., and 2 in. DIAMETER	...	...	...	...	...	/- per gross pairs.
2½ in., 3 in., 3½ in., 4 in.	25	...	...	...	...	25 25
4½ in. to 12 in.	25	...	...	...	...	25 25

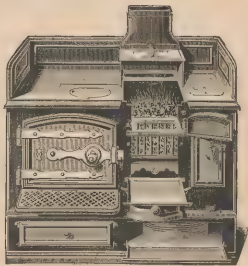
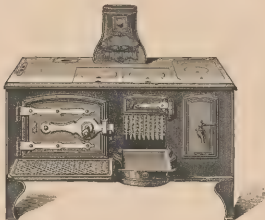
PRICES—ACCORDING TO QUANTITY—ON APPLICATION.

CAN BE HAD IN STAMPED METAL IF DESIRED.

FOR OTHER ARTICLES SPUN, STAMPED, &c., IN ALUMINIUM, see "Special Index" at page 395.

THE "FITZROY" PORTABLE RANGE.

The "Fitzroy" Range.



For efficiency and appearance the "Fitzroy" Portable Range is unsurpassed by any in the market.

No. 1—OVEN AND SHAM.

Sizes, ins.	20	24	26	27	28	30	32	33	36	39	42	High Deep
												42 x 25 x 17
Oven	9	10	12	12	12	14	12	16	16	16	16	16 x 12
PRICES	35 6	38	41 6	44	47 6	52 9	55 9	58	59	70	75	

No. 2—OVEN AND BOILER AND BRASS TAP.

Sizes	ins.	28	30	32	33	36	39	High Deep
								42 x 25 x 17
Oven	"	10	12	12	12	14	16	16 x 12
PRICES	"	55 9	59	61	63 9	70	80 6	91 6

EXTRAS.

If with Open and Close Fire	...	...	...	5 6 extra.
" Skirting all round	...	...	...	8 6 "
" Hot Closets 21 in. to 30 in.	...	...	...	11 9 "
" do. 32 in. to 36 in.	...	...	...	14 "
" do. 36 in. to 42 in.	...	...	...	16 9 "
" Underfront instead of legs	...	...	...	3 "
" Raising Fire	...	...	...	5 9 "
" Smoke Plate and Pipe	...	...	...	4 0 "

Our No. 1 Pattern shows Nozzles, which is included in every Range, but a 2-ft. length of Pipe which fits the Nozzle and a covering-plate for flue, are always supplied (5/- extra), unless otherwise ordered.

WALL TIES, BLACK AND GALVANIZED.

WROUGHT IRON WALL TIES.

THE SKETCHES OF A B C & D SHOW ABOUT QUARTER FULL LENGTH
 $\frac{3}{8}$ in. wide \times $\frac{1}{8}$ in. thick

A



GALVANIZED 24/- per gross.
 BLACK 16/6 "

1 in. wide \times $\frac{1}{8}$ in. thick.

B



GALVANIZED 20/6 per gross.
 BLACK 14/- "

1 in. wide \times $\frac{1}{8}$ in. thick.

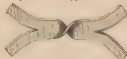
C



GALVANIZED 20/6 per gross.
 BLACK 14/- "

$\frac{3}{8}$ in. wide \times $\frac{1}{8}$ in. thick.

D



GALVANIZED 16/- per gross.
 BLACK 11/- "

About 10 in. long \times $\frac{1}{8}$ in. thick.

E



GALVANIZED 11/- per gross.
 BLACK 7/6 "

About 9 in. long \times $\frac{1}{8}$ in. square iron.

F



GALVANIZED 10/- per gross.
 BLACK 7/3 "

About 9 in. long \times $\frac{1}{8}$ in. round iron.

G



GALVANIZED 7/3 per gross.
 BLACK 5/- "

PRICES, at per cwt.

PATTERN.	GALVANIZED.	BLACK.
A	23/9 per cwt.	17/9 per cwt.
B	23/3 "	18/6 "
C	23/3 "	18/6 "
D	22/9 "	17/9 "
E	23/3 "	18/6 "
F	24/- "	18/9 "
G	24/6 "	19/6 "

ALL KINDS OF ARTICLES IN MALLEABLE OR CAST IRON—GALVANIZED, TINNED, OR JAPANNED.

"BRABY'S" ROOFING AND OTHER FELTS.

FELT (either Roofing Sarking, or Inodorous), SHOULD BE PLACED UNDER ALL SLATES, TILES, AND ZINC, UPON ROOFS. BEING A NON-CONDUCTOR IT PREVENTS RADIATION OF HEAT IN SUMMER AND ITS ESCAPE IN IT IN WINTER. IT MAKES A BETTER BED FOR SLATES, OF TILES, AND ZINC, PERFECTLY WATERPROOF, IS EASY OF SLATES SLIDING ON, CHECKS, &c. STOPS DAMP FROM MAKING ITS WAY INTO THE HOUSE. Its extreme Cheapness makes the extra cost of so much more account a gain the great benefit and comfort derived from its use are considered.

Patent Asphaltic Roofing Felt

Makes a light and durable Roof of wood, about $\frac{1}{2}$ in. thick. When used along with Asphaltic Laid on brick arches, plumb lines, or floors, it prevents cracks or fissures. In Rolls 25 yards long, 32 in. wide, containing 200 square feet.

PRICE ... 8d. per running yard, or 1d. per square foot.

Slaters' or Sarking Felt

Is of the same character as Roofing Felt, but thinner (about $\frac{1}{8}$ of an inch thick) and more pliable. For this reason it is easier worked under Slates. In Rolls 25 yards long, 32 in. wide, containing 200 square feet.

PRICE ... 6d. per running yard, or $\frac{1}{2}$ d. per square foot.

Inodorous Felt.

Light in colour and free from smell. Highly recommended and much used for lining walls, metal Landings and under slates; about $\frac{1}{8}$ in. thick. In Rolls 25 yards long \times 32 in. wide, containing 200 square feet.

PRICE ... 8d. per running yard, or 1d. per square foot.

Ship Sheathing Felt

PRICE. Brown, 3d. per sheet, 32 in. \times 20 in. Black, 2 $\frac{1}{2}$ d. Packed in frames of 250 double sheets, 32 in. \times 10 in., or 10 Rolls equal to 500 sheets, each frame measuring 2 ft. 10 in. \times 3 ft. 6 in. \times 1 ft. 6 in., equal to about 14 $\frac{1}{2}$ cubic feet, and weighing about 3 cwt. 1 qr. 0 lbs. Can also be had in Rolls of 25 yards long \times 32 in. wide. Black, 4 $\frac{1}{2}$ d. per lineal yard; Brown, 5 $\frac{1}{2}$ d. per lineal yard.

Non-conducting Dry Hair Felt.

For covering Steam Pipes, &c. to prevent radiation of heat. Also to protect Cold or Hot Water Pipes from frost. In Sheets 34 in. \times 20 in. No. 1, about $\frac{1}{8}$ lb. per sheet, price 6d. in frames of 100 sheets each. No. 3, about 2 lbs. per sheet, price 11d. in frames of 50 sheets each.

No. 1, " 1	" 7d.	" 100	" 4, " 2 $\frac{1}{2}$	" 1/1	" 50	"
" 2, " 1 $\frac{1}{2}$	" 9d.	" 100	" 5, " 3	" 1/3	" 50	"

Also made in long lengths at extra prices.

THE ABOVE FELTS ARE KEPT READY FOR EXPORTATION AND SHIPPED AT ANY PORT IN GREAT BRITAIN.

We would respectfully request that BRABY'S FELTS be used to ensure a genuine article, as much felt both Roofing and other kinds of inferior quality is offered, the use of which only brings the article into disrepute.

BRABY'S ROOFING AND FOUNDATION FELTS.

COMPRESSED NON-POROUS ROOFING FELT.

Is Flexible (Winter or Summer), easily put on, and makes the Lightest and Cheapest Roof that can be had. Never sticks together while in stor.

Stands for a longer period, being completely impregnated with best Coal Tar Pitch. In Rolls, 25 yards long \times 32 inches wide.

No. 1.	Roofing Felt (thick), a Durable and Cheap Roofing for Buildings	...	...	8d. per lineal yard.
No. 2.	Sarking or Slazers' Felt (medium), same character as No. 1, but thinner, usually applied to Roofs of more temporary nature	...	...	6d. " "
No. 3.	Do. do. (thin), thinner than No. 2 in substance and more pliable	...	...	5d. " "

The Felt may be run along Roof from Gable to Gable, with 4 inches of lap. Any handy-man can put it on.

4 Rolls of No. 1, 6 Rolls of No. 2, and 8 Rolls of No. 3, Carriage Paid to any Station in England.

FIBROUS ASPHALTE OR FOUNDATION FELT.

An Effectual Remedy to Prevent Damp Rising It will not crack under pressure, as pitch or asphalte does when applied alone. Accommodates itself to any Settlement of Foundations. Also for putting under Concrete, Stone, Brick, or Tile Floors, for dryness and warmth.

Size of Slabs.		Size of Slabs	
32 in. \times 4 $\frac{1}{2}$ in.	2/- per dozen.	32 in. \times 23 in.	8/6 per dozen.
32 in. \times 9 in.	3/4 "	32 in. \times 27 in.	9/3 "
32 in. \times 12 in.	4/3 "	32 in. \times 30 in.	11/0 "
32 in. \times 14 in.	5/3 "	32 in. \times 36 in.	14/0 "
32 in. \times 18 in.	6/6 "		

Other Breadths to Order at proportionate prices.

This FOUNDATION FELT OR DAMP COURSE, from its thickness and the amount of Pitch it contains, is superior to any in the Market.

We would respectfully request that BRABY'S FELT be used to ensure a genuine article, as much Felt both Roofing and other kinds of inferior quality is offered, the use of which only brings the article into disrepute.

"BRABY'S" HAIR FABRIC (PATENT).

FOR WINDING ROUND PIPES.

SUITABLE
FOR EXPORT.SAMPLES
ON APPLICATION.

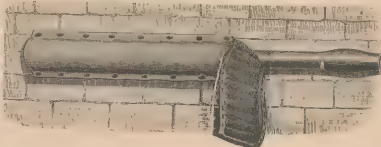
In lengths of 24 ft. x 4 inches wide, about 1 inch thick. PRICE.....3d. per running foot.

DRY HAIR FELT IS UNIVERSALLY ACKNOWLEDGED ONE OF THE BEST NON-CONDUCTORS KNOWN.

It will be more frequently used by practical Engineers and Architects than any other material, as it is more durable and does not rot, and it is not so liable to be damaged by fire as other materials. It is also more easily applied to surfaces of irregular shape, and it is more easily cut into strips and stitched in position with coarse twine. For these reasons it is the most suitable material for the purpose. We have overcome these objections by combining the Hair and Canvas in the manufacture of the fabric, and it is now in lengths and widths for winding round Pipes, which can be done very rapidly by any unskilled labourer. It can be bought in any quantity, and is sold by a dealer in the neighbourhood of each town.

BRABY'S MARGINAL HAIR FELT.

For Pipes

SUITABLE
FOR EXPORT.

against Walls.

SAMPLES
ON APPLICATION.

In Lengths of 24 ft. x 4 inches wide, about 1 in. thick. PRICE.....3d. per running foot.

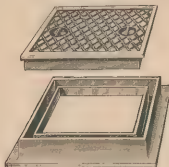
FOR PIPES AGAINST WALLS. The Hair Felt is applied to the pipe in the same way as the Hair Felt, each side enclosing the pipe. This method is most useful for Plumbers who have great difficulty in applying non-conductors when pipes are in such positions that it is impossible to get round them. There is no dirt or mess as with Cement and so-called Plastic Compositions.

CAN ALSO BE MADE ANY LENGTH OR WIDTH DESIRED, AT PROPORTIONATE PRICES. 8 & 12 INCHES WIDE IN FREQUENT DEMAND.

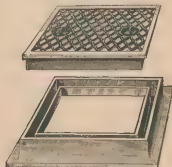
We would respectfully request that "BRABY'S FELTS" be used to ensure a genuine article, as much Felt both Roofing and other kinds—of inferior quality is offered, the use of which only brings the article into disrepute.

AIR-TIGHT INSPECTION COVERS. Grease or Sand Joints.

Braby's Heavy Quality. No. 18.



Braby's Light Quality. No. 18.



No.	Sizes, inside Inches.	PAINTED.			GALVANIZED.		
		£	s.	d.	£	s.	d.
0	36 x 24	1	7	6 each.	2	8	0 each.
1	30 x 24	1	5	6 "	2	5	0 "
2	30 x 18	1	1	0 "	1	18	0 "
3	24 x 24	1	0	8 "	1	18	0 "
4	24 x 18	0	17	0 "	1	10	6 "
5	24 x 12	0	15	0 "	1	7	6 "
6	20 x 20	0	16	0 "	1	8	6 "
7	20 x 18	0	15	0 "	1	8	0 "
8	18 x 18	0	14	0 "	1	4	6 "
9	15 x 16	0	11	6 "	1	0	6 "
10	15 x 12	0	10	6 "	0	19	0 "
11	12 x 12	0	9	6 "	0	11	6 "
*12	21 x 6	0	10	0 "	0	17	6 "
*13	24 x 9	0	12	0 "	1	1	9 "
*14	22 x 14	0	13	6 "	1	"	" "
*15	27 x 10	0	14	0 "	1	5	6 "

No.	Sizes, inside Inches.	PAINTED.			GALVANIZED.		
		£	s.	d.	£	s.	d.
21	24 x 18	0	12	0 each.	1	2	6 each.
22	18 x 18	0	10	0 "	0	18	6 "
23	15 x 15	0	8	0 "	0	14	6 "
24	15 x 12	0	7	0 "	0	14	0 "
25	12 x 12	0	6	0 "	0	11	6 "
*26	16 x 10	0	7	9 "	0	13	6 "
*27	21 x 15	"	11	0 "	0	19	6 "
*28	24 x 9	"	9	0 "	0	13	0 "
*29	24 x 24	0	15	0 "	1	7	6 "

In ordering please say "No. 18 Light Quality," or give the No.
against size to prevent error.

If LIGHT QUALITY IS NOT ORDERED HEAVY QUALITY WILL BE SENT.

* We have new patterns for these sizes, they are not stocked but can be quickly supplied.
If Cored for Key in lieu of Handles, 3d. each hole extra net. Name cast on in half-dozen lots free of charge.

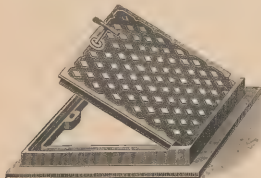
THE TRADE ONLY SUPPLIED.

SANITARY CASTINGS.

Braby's

Improved Air-tight Inspection Cover.

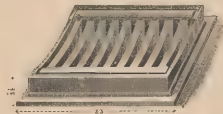
WITH INDIA-RUBBER JOINT, HINGED, AND WITH LOCK AND KEY.



No. 9.

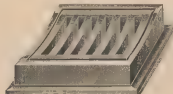
No.	Size, inside. Inches.	Size, outside. Over top of frame. Inches.	PAINTED.			GALVANIZED.		
			£	s.	d.	£	s.	d.
1	11½ × 10	16 × 14	1	5	6 each.	1	11	6 each.
2	18 × 15½	24 × 18	1	11	6 "	1	18	6 "
3	24 × 21½	30 × 24	2	2	0 "	2	15	0 "

Gulley Grates and Frames. No. 5.



BLACK.			
			£ s. d.
10 × 10 in. inside		each.	3 9
12 × 12 "		"	6 9
16 × 16 "		"	13 6
18 × 18 "		"	16 9

HEAVIER PATTERN. No. 3.



BLACK.			
			£ s. d.
14 × 16 in. inside		each	10 6
14 × 12 "		"	13 6
12 × 11 "		"	11 6

SANITARY CASTINGS OF ALL DESCRIPTIONS.

FOR SANITARY BATHS, SEE PAGES 350 TO 353.

SANITARY CASTINGS.

Cast Iron Sliding Air Brick.

No 6.



PRICES.

No. 6	Black.	9 in. x 3 in.	7 - per doz
..	Do.	9 " x 6 "	12/6 "
No 6.	Galv'd.	9 in. x 3 in.	12/6 "
..	Do.	9 " x 6 "	21 "

Wrought Iron Gratings.

No. 13



BLACK OR GALVANIZED. LIGHT OR HEAVY QUALITY.

PRICES ON APPLICATION

Cast Iron Air Bricks.

No. 1.

AIR BRICK.



No. 5

AIR BRICK.



PRICES.

Nos 1 & 5.	Black.	9 in. x 3 in.	...	4/- per doz.
..	Do.	9 " x 6 "	...	7/6 "
Nos 1 & 5.	Galv'd.	9 in. x 3 in.	...	7/- "
..	Do.	9 " x 6 "	...	12 "

No 15

STRONG
CASTIRON
AIR BRICK.

BLACK

GALV'D

No. 15	9 in. x 3 in.	...	8/- per doz.	...	14/- per doz.
..	9 " x 6 "	...	12/- "	...	21/- "
..	9 " x 9 "	...	18/- "	...	28/- "
..	12 " x 9 "	...	24/- "	...	41/8 "

FOR OTHER AIR VENTILATORS THROUGH WALLS, SEE PAGE 328.

SANITARY CASTINGS.

Manhole Step Irons.

CAST. U PATTERN. 15 in. x 6 in.

No. 1



			PLAIN.	GALVD.
			£ s. d.	£ s. d.
No 1.	Cast Iron	... per doz.	0 18 6	1 7 6

WROUGHT. U PATTERN. 15 in. x 6 in.

No. 2.



			PLAIN.	GALVD.
			£ s. d.	£ s. d.
No. 2.	Wrought Iron	... per doz.	0 18 6	1 7 6

Manhole Step Irons.

WROUGHT. ANGLE PATTERN. 1 in. x 1/2 in.

No. 3.



			PLAIN.	GALVD.
			£ s. d.	£ s. d.
No. 3.	Wrought Iron	... per doz.	0 16 0	1 5 6

Stop-Cock Boxes.

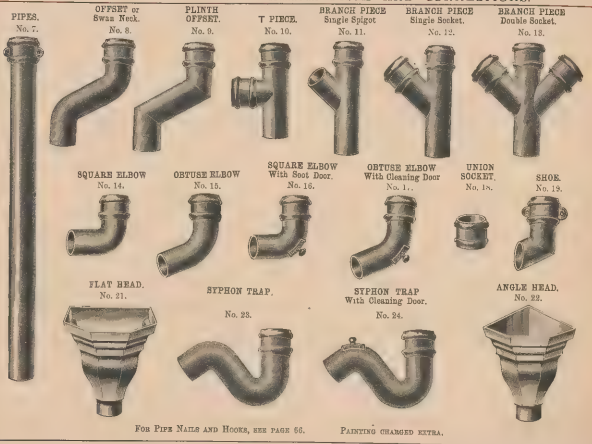


					BLACK.
					s. d.
No. 1	Size.	8 in. x 6 in. inside	..	each	4 0
No. 2	"	4 1/2 " x 4 1/2 " "	..	"	1 9

ALL THESE MANHOLE STEPS ARE STRONG AND OF APPROVED PATTERNS.

FOR GULLEY GRATES AND FRAMES SEE PAGE 103.

CAST IRON ROUND RAIN WATER PIPES AND CONNECTIONS.



CAST IRON ROUND RAIN WATER PIPES AND CONNECTIONS.

No.	Description.	BLACK.					GALVANIZED.				
		2-in.	2½-in.	3-in.	3½-in.	4-in.	2-in.	2½-in.	3-in.	3½-in.	4-in.
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
7	PIPES ... In 6 ft. lengths ... per yard	1 1	1 3	1 5	1 8	1 10	1 9	2 0	2 3	2 9	3 4
7	Do. ... In 2, 3 & 4 ft. lengths ... "	1 3	1 5	1 8	1 11	2 1	2 0	2 4	2 8	3 4	3 9
21 & 22	Heads ... Angle and Flat ... each	0 11	1 1	1 3	1 5	1 7	1 4	1 7	2 0	2 3	2 6
14 & 15	Bends or Elbows ... (Square and Obtuse) "	0 8	0 10	1 4	1 4	1 7	0 10	1 1	1 3	1 9	2 2
16 & 17	Do. do. { Square and Obtuse with Soot Door } "	...	...	2 3	2 6	2 10	...	...	3 0	3 6	3 9
19	Shoes "	0 7	0 8	0 9	1 0	1 2	0 9	1 0	1 1	1 5	1 10
11	Branch Pieces (Single), with Spigot ...	1 0	1 2	1 4	1 9	2 3	1 3	1 6	2 0	2 6	3 3
12	" " ("), with Socket ...	1 0	1 2	1 4	1 9	2 3	1 6	1 9	2 4	3 0	3 9
13	" " (Double), with Sockets ...	1 1	1 9	2 3	2 10	3 2	1 10	2 6	3 6	4 0	4 6
8	Swan Necks, 3-in. offset	0 9	1 11	1 0	1 2	1 9	1 0	1 2	1 5	1 9	2 5
8	" 4½ " " " " " " "	1 0	1 1	1 3	1 6	2 0	1 2	1 5	1 9	2 0	2 8
8	" 6 " " " " " " "	1 0	1 1	1 3	1 6	2 0	1 2	1 5	1 9	2 1	2 9
8	" 9 " " " " " " "	1 1	1 6	1 9	2 0	2 3	1 7	1 11	2 3	3 0	3 3
8	" 12 " " " " " " "	1 7	1 9	2 0	2 3	2 9	1 10	2 3	2 9	3 3	3 10
8	" 16 " " " " " " "	1 9	2 1	2 6	2 11	3 7	2 9	3 0	3 9	4 0	5 0
8	" 18 " " " " " " "	2 1	2 5	2 9	3 2	4 0	3 0	3 6	4 0	4 6	5 6
9	Plinth Offsets, 2½-in. projection ...	...	...	1 0	1 2	1 9	...	...	1 6	1 9	2 6
25	Junctions, with 2-in. Branch ...	...	...	...	...	2 3	...	...	...	...	3 3
26	T. Y. Branch Pieces ... ..	...	...	...	...	2 3	...	...	...	...	3 3
10	T. Pieces	1 0	1 2	1 4	1 9	2 3	1 3	1 6	1 9	2 4	3 0
18	Union Sockets	0 9	0 6	0 8	0 9	1 0	0 8	0 8	0 10	1 0	1 6
23	Syphon Traps	1 9	1 10	2 1	2 8	3 0	2 3	2 6	3 0	3 6	4 0
24	" " with Cleaning Door ...	2 8	2 9	3 0	3 8	4 0	3 6	4 0	4 3	5 0	5 6

FOR PIPE NAILS AND HOOKS, SEE PAGE 66.

FOR GALVANIZED CAST VENTILATING PIPE, SEE PAGE 113.

SQUARE OR RECTANGULAR PIPES AND CONNECTIONS.

SQUARE PIPES.

No. 3.



SQUARE ELBOW.

No. 31.



OBTUSE ELBOW.

No. 32.



SIDE SQUARE ELBOW.

No. 33.



SIDE OBTUSE ELBOW.

No. 34.



SQUARE PIPES.

No. 39.



OFFSET.

No. 35.



PLINTH OFFSET.

No. 36.



SIDE OFFSET.

No. 37.



SIDE PLINTH OFFSET.

No. 38.



CORNER OFFSET.

No. 39.



PLINTH CORNER OFFSET.

No. 40.



BRANCH PIECE

Single (2 Sockets)

No. 41.



BRANCH PIECE

Double (3 Sockets)

No. 42.



CORNER SHOE.

No. 44.



SHOE.

No. 43.



UNION SOCKET

No. 45.



HEADS FOR SQUARE PIPES.

No. 119.



No. 118.



No. 112.



SQUARE OR RECTANGULAR PIPES AND CONNECTIONS.

PRICES.--Black Cast Iron.

No.	Sizes, Inches	2½ × 2½	3 × 2	3 × 3	3½ × 2½	3½ × 3	4 × 2	4 × 2½	4 × 3	4 × 4	4½ × 3	4½ × 3½	5 × 3½	5 × 4	6 × 4	6 × 6
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
3	PIPES, in 6 ft. lengths	2 6	2 6	2 6	2 6	2 9	2 11	3 0	3 0	3 0	3 9	3 9	4 1	4 3	4 9	5 11
3	Do. 2, 3 & 4 ft. lengths extra	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 6	0 6	0 6	0 6	0 8	0 8	0 9
43 & 44	Shoes each	2 4	2 4	2 6	2 6	2 10	3 1	3 1	3 1	3 4	3 5	3 5	3 5	4 3	5 4	6 2
31 to 34	Elbows (square or obtuse) ..	2 4	2 4	2 6	2 6	2 10	3 1	3 1	3 1	3 4	3 5	3 5	3 5	4 3	5 4	6 11
35 to 40	Offsets, 8 in. projection ..	2 8	2 8	2 10	3 1	3 9	3 10	3 10	3 10	4 3	4 7	5 4	5 4	5 4	6 2	6 11
35 to 40	Do. 6	3 5	3 5	3 9	4 3	4 6	1 7	4 7	4 7	4 10	5 4	6 2	6 2	6 2	6 11	7 8
35 to 40	Do. 9	1 3	4 3	4 4	4 10	5 6	5 4	5 4	5 9	6 2	6 6	6 6	6 11	7 8	8 5	9 11
35 to 40	Do. 12	5 4	5 4	5 9	6 9	6 6	6 2	6 2	6 1	7 0	7 3	7 8	7 8	8 1	8 10	10 0
41	Branch Piece (single)	4 5	3 5	3 10	4 3	4 9	4 7	4 7	4 7	4 10	5 4	6 2	6 2	6 2	6 11	7 8
42	" " (double)	4 3	1 8	4 9	5 1	5 6	5 4	5 4	5 9	6 2	6 1	6 11	6 11	7 5	8 5	10 9
45	Union Sockets	11	0 11	1 0	1 0	1 6	1 6	1 6	1 9	1 11	1 11	1 11	1 11	2 4	3 6	3 10

Ornamental Heads for Square Pipes from 3 to 4 inches.

Nos.	112	118	120
Each	11/6	10/4	10/-

* THESE SIZES ARE KEPT IN STOCK.

THE OTHER SIZES AND THE ORNAMENTAL NO. 20 SQUARE PIPES SUPPLIED PROMPTLY TO ORDER.

CAST-IRON GUTTERS AND CONNECTIONS.

HALF - ROUND.

STOP ENDS, Handed.

No. 50.



HALF ROUND GUTTER.

No. 51.



NOZZLE PIECE

No. 54.



FAUCET STOP NOZZLE

No. 58.



SQUARE ANGLE, RIGHT 90°

No. 62.



SQUARE ANGLE, LEFT. 90°

No. 63.



SPIGOT STOP NOZZLE.

No. 57.



O.G. GUTTER.

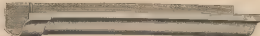
STOP ENDS, Handed.

No. 64.



O.G. GUTTER.—Made with Right and Left Hand Faucet.

No. 60.



NOZZLE PIECE

No. 68.



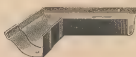
SPIGOT STOP NOZZLE

No. 65.



EXTERNAL SQUARE ANGLE

No. 61.



INTERNAL SQUARE ANGLE.

No. 62.



FAUCET STOP NOZZLE.

No. 66.



CAST-IRON GUTTERS AND CONNECTIONS.

HALF-ROUND GUTTERS.

Black Cast Half-Round Gutters.

No.		3½-in.	4-in.	4½-in.	5-in.
		s. d.	s. d.	s. d.	s. d.
51	Half-round Gutters, in 6-ft. lengths, per yard	0 9	0 9	0 11	1 0
52 & 53	Angles ... each	0 7	0 8	0 10	0 11
54	Nozzles ... "	0 7	0 8	0 10	0 11
55	Stop Ends ... "	0 3	0 3	0 3	0 4
56 & 57	Do. with Drops "	0 6	0 7	0 7	0 8

Galvanized Cast Half-Round Gutters.

No.		3½-in.	4-in.	4½-in.	5-in.
		s. d.	s. d.	s. d.	s. d.
51	Half-round Gutters, in 6-ft. lengths, per yard	1 2	1 3	1 6	1 9
52 & 53	Angles ... each	0 10	0 11	1 1	1 4
54	Nozzles ... "	0 10	0 11	1 1	1 4
55	Stop Ends ... "	0 4	0 4	0 4	0 5
56 & 57	Do. with Drops "	0 8	0 9	0 9	0 10

FOR BRACKETS AND BOLTS AND NUTS, SEE PAGE 67.

"O.G." GUTTERS.

Black Cast "O.G." Gutters.

No.		3½-in.	4-in.	4½-in.	5-in.
		s. d.	s. d.	s. d.	s. d.
60	"O.G." Gutters, with Plain Clips cast on, 6-ft. lengths ... per yard	0 11	1 0	1 2	1 4
61 & 62	Angles ... each	0 9	0 10	0 11	1 1
63	Nozzles ... "	0 9	0 10	0 11	1 1
64	Stop Ends ... "	0 3	0 3	0 3	0 4
65 & 66	Do. with Drops "	0 7	0 8	0 9	0 11

Galvanized Cast "O.G." Gutters.

No.		3½ in.	4-in.	4½-in.	5-in.
		s. d.	s. d.	s. d.	s. d.
60	"O.G." Gutters with Plain Clips cast on, 6-ft. lengths ... per yard	1 6	1 7	1 9	2 3
61 & 62	Angles ... each	1 0½	1 2	1 3½	1 6
63	Nozzles ... "	0 11½	1 0½	1 1½	1 4½
64	Stop Ends ... "	0 4	0 4	0 4	0 5
65 & 66	Do. with Drops "	0 9	0 10	0 11	1 1

FOR GUTTER BRACKETS AND BOLTS AND NUTS, SEE PAGE 67.

SOIL PIPES AND CONNECTIONS.

Braby's Cast Iron Soil Pipes, or Heavy Rain Water Pipes, and Connections.

WITH LARGE FAUCETS TO ALLOW OF JOINTS BEING PACKED.

FOR OUTSIDE USE, AND TO THE REQUIREMENTS OF THE LONDON COUNTY COUNCIL.

SOIL PIPE.
With or without Bars.
No. 71.BRANCH PIPE
(2 Sockets).
No. 72.DOUBLE
BRANCH PIPE
(3 Sockets).
No. 73.SANITARY
BRANCH PIPE
(2 Sockets).
No. 74.OBTUSE
ELBOW.
No. 76.SQUARE
ELBOW.
No. 75.OFFSET
No. 77.SHOE.
No. 78.CAST IRON CLIP.
No. 79.

(Round or Square)

WROUGHT IRON CLIP.
No. 80.

No. 1. S JUNCTION.

4 in. diameter.

No. 2. P JUNCTION.

Faucet $5\frac{1}{2}$ in.
to take
Earthenware Trap.Faucet
to take
4 in. S.W. Pipe.

4 in. Soil Pipe.

Faucet
to take
4 in. R.W. PipeFaucet $5\frac{1}{2}$ in.
to take
Earthenware Trap.

4 in. Soil Pipe

No. 1. BEND

Faucet $5\frac{1}{2}$ in.
to take
Earthenware Trap.Spigot End
to take
4 in. Soil Pipe.

SOIL PIPES AND CONNECTIONS, AND VENTILATING PIPES.

Braby's Cast Iron Soil Pipes, or Heavy Rain Water Pipes, and Connections.

WITH LARGE PAUENTS TO ALLOW OF JOINTS BEING PACKED.

FOR OUTSIDE USE. AND TO THE REQUIREMENTS OF THE LONDON COUNTY COUNCIL.

		BLACK.				GALVANIZED.					
No.	Description.	3½ in.	4 in.	5 in.	6 in.	3½ in.	4 in.	5 in.	6 in.		
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.		
71	SOIL PIPE per 6 ft. length	5 6	6 0	7 8	9 7	8 2	9 4	11 8	14 6		
71	Do. " 3 ft. "	6d. per yard extra.				6d. per yard extra.					
78	Shoes each	1 9	2 1	2 8	3 6	3 0	3 0	3 6	4 0		
75 & 76	Elbows or Bends, square or obtuse	2 9	3 2	4 3	5 0	3 6	4 0	5 9	7 0		
77	Off-sets, 3 in. projection	2 9	3 0	4 3	5 5	4 0	4 6	6 6	8 0		
77	Do. 4½ in. }	3 9	4 0	5 9	7 0	5 3	5 9	8 0	9 0		
77	Do. 6 in. }	4 6	5 0	6 11	7 9	5 6	6 0	8 0	9 0		
77	Do. 9 in. "	5 5	6 6	8 6	10 3	7 0	7 6	9 6	11 6		
77	Do. 12 in. "	4 0	4 6	6 3	8 6	5 6	6 6	8 6	11 0		
72	Single Branch Pipe (2 sockets)	4 8	5 5	7 0	9 0	5 6	6 6	8 6	11 0		
74	Sanitary do. do. (2 ")	5 9	6 8	8 6	9 3	7 0	7 9	10 6	12 6		
73	Double do. do. (8 ")	1 2	1 5	1 11	2 2	1 8	2 0	2 6	3 0		
73	Ornamental Loose Ears, or Clips (round or square)	...	...	...	...	4 0	4 6	4 6	5 0
80	Do. do. Wrought Iron per doz.	...	...	...	...	4 0	4 6	4 6	5 0
FOR 4 IN. SOIL PIPE		ARM	12	15	18	21	24	27	30	33	36 in.
No. 1	S Junction, with arm	Black	(Nos. 1 & 2)	5 0	5 9	6 0	6 9	7 6	9 0	9 6	10 6 each.
No. 2	P Do. " "	Galvanized	(" ")	5 6	7 3	8 0	8 6	9 0	11 0	11 6	12 0 "
No. 1	BEND FOR 4 IN. SOIL PIPE	Black, 4 0; Galvanized, 5 6 each.									
No. 84	VENTILATING PIPE, Cast Iron, Galvanized, 4 in. (12 lengths and upwards)	per 6 ft. length							6 6		

The above Soil Pipes are specially made to the requirements and weights specified by the London County Council. The weights of the SOIL PIPES per 6 ft. length ARE NOT LESS than as follows:—3½ in., 48 lbs.; 4 in., 54 lbs.; 5 in., 69 lbs.; 6 in., 84 lbs.

Coated with Dr. Smith's Solution 5 per cent. over Black Prices.

PATENT LAP FOLDED WROUGHT IRON PIPES AND BENDS.

RAIN WATER PIPE
Improved Stamped Ends.

Galvanized Wrought Iron Rain Water Pipes.

Diameter ...	1½-in.	1½-in.	2-in.	2½-in.	3-in.	3½-in.	4-in.
RAIN WATER PIPES ... per doz. 6-ft. lengths	14/6	15/3	18/-	23/-	27/6	30/-	32/-
Shoes each	1/4	1/6	1/6	1/8	1/10	2/0	2/2

Galvanized Socketed Ventilating and Soil Pipes.

Diameter ...	1½-in.	1½-in.	2-in.	2½-in.	3-in.	3½-in.	4-in.
VENTILATING PIPES ... per doz. 6-ft. lengths	18	24	30	32	37 6	40	
SOIL PIPES, 20 W.G. ... do.	27	32	36	45	43	52	

These Pipes are drawn by machinery, in one process, and being Galvanized after made are very strong and durable and are thoroughly recommended.

VENTILATING AND SOIL
PIPE (Socketed).

OBTUSE BEND (135°).



Galvanized Wrought Iron Stamped Socketed Bends.

Lap-Folded.	Diameter ..	1½-in.	1½-in.	2-in.	2½-in.	3-in.	3½-in.	4-in.
BENDS, for Rain Water Pipes ... each	1/8	1/4	1/4	1/6	1/8	1/10	2	
.. .. Ventilating ..		1/6	1/6	1/9	1/10	2	2 3	
.. .. Soil, 20 W.G. ..	...	3/-	3/-	3/-	3 6	3 6	3 6	

FOR HEADS, SWAN NECKS, GALVANIZED WIRE CAPS FOR PIPES, AND OTHER IRON BENDS,
SEE PAGES 116, 117 AND 125.

SQUARE BEND (90°).



PATENT LAP-FOLDED ZINC PIPES AND BENDS.

RAIN WATER PIPE.



Patent Lap-folded Zinc Rain Water Pipes.

	Diameter ...	1½-in.	1¾-in.	2-in.	2½-in.	3-in.	3½-in.	4-in.
RAIN WATER PIPES ... per doz. 8 ft. lengths	16/-	17/6	20/6	27/-	38/6	4/-	12	
" " " " " 7 ft. "	14/9	16/-	18/-	23/6	29/6	36/-	39/6	
Shoes ...	each	1/-	1/3	1/4	1/5	1/9	1/10	2

These Zinc MACHINE MADE Pipes are far superior to the ordinary kind and of much greater durability.

Socketed Ventilating Pipes—Strong Zinc.

	Diameter ...	1½-in.	1¾-in.	2-in.	2½-in.	3-in.	3½-in.	4-in.
VENTILATING PIPES ... per doz. 8 ft. lengths	20/-	21	22/6	29	36	43/6	47	

All kinds of Machine-made Pipes in Zinc and Galvanized Iron for Ventilating and other purposes made at short notice—in special gauges.

MAY BE HAD ALSO FROM ½-INCH UP IN COPPER OR BRASS—PRICES ON APPLICATION.

UPPER BEND (135°).



Stamped Socketed Zinc Bends.

	Lap-Folded.	Diameter ...	1½-in.	1¾-in.	2-in.	2½-in.	3-in.	3½-in.	4-in.
BENDS, for Rain Water Pipe... each	11d.	1/-	1/1	1/2	1/6	1/9	2		
" for Ventilating Pipe ... "		1/1	1/2	1/3	1/4	1/9	2	2/3	

FOR OTHER ZINC BENDS SEE PAGE 117.

VENTILATING PIPE.
(Socketed).

SQUARE BEND 90°



RAIN WATER HEADS AND GUTTER CAPS.

SQUARE HEAD.



Zinc Heads—Square, Angle and Bell.

Diameter	1 1/4-in.	1 1/2-in.	2-in.	2 1/2-in.	3-in.	3 1/2-in.	4-in.
Square or Angle ... each	s. d. 1 11	s. d. 2 0	s. d. 2 5	s. d. 2 5	s. d. 3 0	s. d. 3 6	s. d. 3 9
Bell	2 6	2 6	2 10	2 10	3 9	4 0	4 6

ANGLE HEAD.



Galvanized Wrought Iron Square, Angle and Bell.

SQUARE HEAD.



Diameter	1 1/4-in.	1 1/2-in.	2-in.	2 1/2-in.	3-in.	3 1/2-in.	4-in.
Square or Angle ... each	s. d. 2 0	s. d. 2 0	s. d. 2 3	s. d. 2 9	s. d. 3 6	s. d. 3 9	s. d. 3 9
Bell	3 3	3 3	3 3	3 9	3 9	5 0	5 0

ANGLE HEAD.



All kinds of Ornamental Heads made to order.

Strong Domical Gutter Caps.



Diameter, Inches	2-in.	2 1/2-in.	3-in.	3 1/2-in.	4-in.	4 1/2-in.	5-in.	6-in.
No. 1—Galvanized Wire ... Per dozen	2 3	2 6	2 9	3	3 6	4-	5	6-
No. 2—Copper ...	7-	7 6	8-	9	10-	12	13 6	16-
No. 3—BALLOON-SHAPE Caps, Galvanized Wire	4 1/2-in. diam. for 2 1/2-in. Pipes 4		5-in. diam. for 3-in. Pipes 4 6		5 1/2-in. diam. for 3 1/2-in. Pipes 5		6-in. diam. for 4-in. Pipes 6	
No. 4—Do. Copper	" " 12/-		" " 14/-		" " 16/-		" " 18	

IN LESS QUANTITIES THAN 1 DOZEN OF A SIZE, 1/- PER DOZEN EXTRA NET.

SWAN NECKS AND ZINC BENDS.

Improved Galvanized Wrought Iron and Zinc Swan Necks
With Stamped Socket as shewn.

SWAN NECKS, OR OFFSETS.



PRICES IN ZINC OR GALVANIZED IRON

Projection	..	3-in.	6-in.	9-in.	12-in.
For Ventilating or Rain Water Pipes		s. d.	s. d.	s. d.	s. d.
1½ & 2-in. diameter	... each	3 0	3 3	3 6	4 0
2½-in.	..	3 3	3 6	3 9	4 6
3-in.	..	3 9	4 0	4 6	4 9
4 in.	..	4 6	4 9	5 0	5 6

Zinc Bends.

No. 1. Right Angle. 90°.



We have every facility for supplying ZINC BENDS of the undermentioned diameters, both right angles and obtuse, and having reduced the cost of manufacture, can supply at following low prices:—

½ in. ¾ in. 1 in. 1½ in. 2 in. 2½ in. 3 in. 3½ in. 4 in. 4½ in. 5 in. 6 in. 8 in.
5/6 5/6 6/- 6/- 7/6 9/- 11/- 13/6 16/6 18/6 24/6 26/6 54/- 85/- per doz.

These Bends are of excellent quality, and 2 in. and larger are Lap-folded.

The ½ in. to 1½ in. are Socketed both ends for Illustration see page 122. We believe our Bends to be the Strongest and most durable articles in the market.

For Lap-folded Socketed Rain Water Pipe Bends see pages 114 & 115.

NOTE—In ordering please say if No. 1 or No. 2 Bends are required. Right Angles will always be sent if not otherwise ordered.

No. 2. Obtuse. 135°.



WROUGHT SOLID STAMPED GUTTERS AND CONNECTIONS. 18 W.G. IRON.

STOP ENDS

Handed.

Nos. 4 & 8.



HALF-ROUND GUTTER, Galvanized or Painted.

Nos. 1 & 5.



NOZZLE PIECE.

Nos. 3 & 7.



STOP ENDS

Handed.

Nos. 12 & 16.



"O.G." GUTTER, Galvanized or Painted.

Made with Right and Left Hand Faucet usually sent Left Hand unless otherwise ordered).

Nos. 9 & 13.



NOZZLE PIECE

Double Socketed.

Nos. 11 & 15.



SEMI OR HALF ROUND ELBOW. 90°.

Nos. 2 & 6.



ANGLES.

These Elbows, like the Nozzle Pieces, are Stamped out of the Solid Iron, and are Socketed both ends, so that they fit Right or Left Hand Gutters. Can be supplied with single Sockets if desired at same prices.

"O.G." ELBOW OR ANGLE. 90°.

Nos. 10 & 14.



These Gutters are more durable than Cast Iron although, being of the same Section, they will work in solid Cast Gutters if required. Easily cut. Cannot fracture.

WROUGHT SOLID STAMPED GUTTERS AND CONNECTIONS. 18 W.G. IRON.

THESE GALVANIZED GUTTERS are four times as durable as ordinary cast.

SOLID STAMPED FITTINGS. All Sizes will work in with Cast Gutters, being of the same Section. No breakage in transit nor fracture from frost.

HALF-ROUND GUTTERS AND CONNECTIONS.

In 6-ft. lengths—Stamped out of 18 W.G. Iron.

No.	Inches.		2	3	3½	4	4½	5	6
GALVANIZED.									
1.	HALF-ROUND GUTTER	... .. PER 6 FT. LENGTH	1/4	1/6	1/9	1/10	2/2	2/5	2/9
2.	" Elbows	... .. each	1/6	1	1/3	1/3	1/4	1/6	1/6
3.	" Nozzles	... .. "	1/6	1/7	1/8	1/9	1/9	2	2/3
4.	" Stop Ends	... .. "	4d.	4d.	4d.	1d.	5d.	6d.	6d.
PAINTED.									
5.	HALF-ROUND GUTTER	... .. PER 6 FT. LENGTH	1/8	1/4	1/6	1/7	1/9	2	2/3
6.	" Elbows	... .. each	10d.	10d.	1	1	1/2	1/3	1/4
7.	" Nozzles	... .. "	1/4	1/5	1/6	1/7	1/7	1/9	2
8.	" Stop Ends	... .. "	3d.	3d.	4d.	4d.	4d.	5d.	5d.

"O.G." GUTTERS AND CONNECTIONS.

In 6-ft. lengths—Stamped out of 18 W.G. Iron.

No.	Inches.		3	3½	4	4½	5	6
GALVANIZED								
9.	" O.G." GUTTER ..	... .. PER 6 FT. LENGTH	2 2	2 4	2 6	2 9	3 -	3 10
10.	" Elbows ...	... .. each	1 2	1 3	1 6	1 6	1 6	1 9
11.	" Nozzles ...	... .. "	1 10	1 10	2 -	2 3	2 4	2 6
12.	" Stop Ends ...	... .. "	6d.	6d.	6d.	6d.	8d.	9d.
PAINTED.								
13.	" O.G." GUTTER ...	... .. PER 6 FT. LENGTH	1 10	2	2 3	2 5	2 7	3 3
14.	" Elbows ...	... .. each	10d.	1	1 1	1 1	1 2	1 6
15.	" Nozzles ...	... .. "	1 8	1 8	1 9	2	2	2 3
16.	" Stop Ends ...	... .. "	5d.	5d.	5d.	5d.	6d.	6d.

Can be supplied in lengths under 6 feet at 3d. per Yard extra.

If supplied Unpainted (Gutters are painted with two coats of "Braby's" Iron Minimum Oxide) 1d. per Length less.

Galvanized Brackets and Bolts and Nuts for fixing above—see PAGE 67.

GALVANIZED TINNED WROUGHT IRON GUTTERS.

Braby's Galvanized Wrought Iron Gutters of 24 B.W.G.

"O.G." MOULDED GUTTER.



With Clipped Ends.

HALF ROUND GUTTER



With Slip Joints.

HALF ROUND ELBOW.



With Slip Joints.

PRICES.

Half-Round.	Size across Top, Inches	2½	3	3½	4	4½	5	6
SLIP JOINTED, Galvanized Iron ...	per doz. 6-ft. lengths	17 6	18	19 6	21 -	22 6	24	
ELBOWS " " ...	each	18	1 10	2 -	2 3	2 4	2 6	

PRICES.

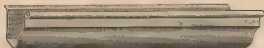
"O.G." Gutter.	Size across Top, Inches	2½	3	3½	4	4½	5	6
SOCKETED, Galvanized Iron ...	per doz. 6-ft. lengths	18 -	20 -	22 6	25 6	27 6	29 6	32
ELBOWS, Clipped ...	each	18	1 9	2 1	2 3	2 4	2 6	3 -

THESE GUTTERS being light, and consequently particularly suitable for EXPORT, are nevertheless very durable, inasmuch as special care is exercised in manufacture, so that every length is good and perfect while only the best materials are used. The goods are thoroughly galvanized with the best description of Spelter. We can supply the "O.G." Gutters Unsocketed when required.

We specially recommend our STAMPED GALVANIZED GUTTERS—see pages 118 and 119.

ZINC GUTTERS.

ZINC "O.G." GUTTERS.



ZINC SEMI-GUTTERS.



Size across Top ... Inches	2	2½	3	3½	4	4½	5	Size across Top ... Inches	2	2½	3	3½	4	4½
PER DOZ. 7 FT. LENGTHS ...	15/6	18/-	22/6	28/9	29/6	31/9	42/-	PER DOZ. 7 FT. LENGTHS ...	12	14/9	18	22/6	25/-	28/6
Elbows or Outlets ... each	1/5	1/6	1/7	1/8	1/9	1/10	2/-	Elbows or Outlets ... each	13	14	15	16	18	19

Our Gutters are well known for being made of true shape, with bold bead, and consequent strength.

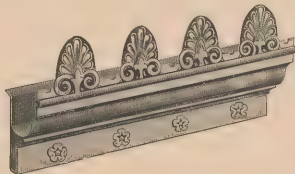
Plating Zinc Tubes to above Gutters, strengthening same, and for fastening to Facia, including Screws up to 4 in. ... 1 per length extra. Over 4 in. ... 13.

GALVANIZED Screws with extra large heads for above Tubes, see page 66.

ZINC TUBES, loose, for staving, see page 67

ZINC CORNICE.

ZINC
ORNAMENTAL
GUTTERS



OF ALL KINDS.
PRICES ON
APPLICATION.

ZINC GUTTERS of all descriptions, straight or circular, made to order.

PATENT LAP-FOLDED MACHINE-DRAWN ZINC SPEAKING TUBES.

Socketed Tubes and Bends.

No. 2



No. 1.



No. 3.



ZINC being very sonorous, these Pipes are specially suitable for communicating from one part of the house to another, whereby time is economised and business facilitated.

For Speaking Pipes, sizes from $\frac{3}{4}$ in. are usually used.

Are very durable. Can be despatched **IMMEDIATELY**.

Zinc Speaking Tubes.

No. 4



No.	Diameter	$\frac{3}{4}$ -in.	$\frac{1}{2}$ -in.	1-in.	1 $\frac{1}{4}$ -in.	1 $\frac{1}{2}$ -in.
		s. d.	s. d.	s. d.	s. d.	s. d.
1.	Air Tight and Furred, for Speaking Purposes, ready for fixing. per doz. 8-ft. or 7-ft. lengths	1 0	11 6	12 6	17 0	18 6
2.	Round Bend, Stamped Socketed, right angle	5 2	5 2	6 0	8 2	7 2
3.	Bend, Stamped Socketed, Obtuse ..	5 2	5 2	6 0	8 2	7 2
4.	Round Syphon, Stamped Socketed ...	1 2	1 3	1 4	1 6	1 9

Fittings for Speaking Purposes.

Flexible Tubing, Brass or Cocus Wood Connections. Cocus Wood or Ivory Mouthpieces supplied at lowest prices.

IRON STOVE, SMOKE AND VENTILATING PIPES.

Strong Grooved Stove Pipes, &c.



KEPT IN STOCK IN 24-in. AND 30-in. LENGTHS.

Canister Elbow, with Soot Door.

Diameter	...	...	...	...	Inches	1½	2	2½	3	3½	4	4½	5	6
					ft. in.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
PIPES, Black	...	...	{	per doz.	2 0	6 0	7 0	7 6	8 0	8 6	9 3	10 6	10 9	12 6
			{	"	2 6	7 0	8 9	9 6	10 1	10 7	11 7	12 1	13 5	15 7
" Galvanised	...	...	{	"	2 0	8 0	9 0	9 9	10 6	11 0	13 6	14 6	16 0	17 6
			{	"	2 6	10 2	11 3	12 2	13 6	15 2	16 10	18 1	20 0	21 10
Canister Elbow, with Soot Door, Black,	...	...	...	each	2 6	2 6	2 6	2 6	3 0	3 0	4 6	4 9	5 6	6 6
" " " " Galvanised	...	...	...	"	3 0	3 0	3 0	3 0	4 1	4 9	5 6	5 9	6 6	6 6

NOTE.—1½-in., 2 in., 2½-in., 3-in., 3½-in., and 4-in. Stove Pipes can be had in 8-ft. or 6-ft. Lengths at proportionate prices.

Other lengths over 3-ft. riveted together at 1½d. per foot extra.

Extra Strong Smoke or Ventilating Pipe.

Diameter	...	...	...	inches	6	7	8	9	10	11	12
					s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Black Grooved, 22 W.G.	...	...	...	per foot	0 8½	0 9½	0 11	1 0	1 1½	1 1	1 7
Galvanised do.	...	...	...	"	1 0	1 2	1 4	1 6	1 9	1 11	2 5
Black Riveted, 20 W.G.	...	...	...	"	1 2	1 4	1 6	1 8	1 9	2 0	2 6
Galvanised do.	...	...	...	"	1 6	1 9	1 11	2 2	2 4	2 7	3 3
Grooved Elbows extra to length of pipe used	...	...	...	"	1 9	1 2	1 4	1 6	1 8	1 10	2 0
Riveted do. do. do. do.	...	...	...	"	1 3	1 6	1 8	1 10	2 0	2 8	2 6

These Pipes Riveted together in any Length over 3 ft., 22 W.G. 2½d.; 20 W.G. 3d. per foot extra, and 3 in. to 12 in. Pipes 1d. per foot over these extra prices.

GALVANISED AFTER MANUFACTURE. THE PIECES, &c. AT EQUALLY LOW PRICES.

Orders for Pipes of Special Gauges or description put in hand promptly and executed quickly.

FOR CAST IRON PIPES SEE PAGES 106 TO 113.

IRON STOVE PIPE ELBOWS AND BENDS.

Strong Grooved Stove Pipe Bends.

No. 1.



Inches...	2	2½	3	3½	4	4½	5	6	8
Black ... per doz.	11/6	12/-	14/6	15/-	18/6	20/-	27/-	40/6	60/-
Galvanized "	18/6	14/-	17/-	20/-	22/6	25/-	33/6	58/6	85/-

Light Stove Pipe Bends (Corrugated.)

No. 2.



Inches...	2	2½	3	3½	4	4½	5
Black ... per doz.	4/9	5/-	6/-	6/6	6/9	8/-	9/-
Galvanized "	8/-	9/-	10/-	12/-	12/-	15/-	16/-

CAPES FOR STOVE PIPES AT SAME PRICES AS No. 4. ELBOWS.

These are, of course, slighly than as a not nearly so durable as our ordinary (No. 1.) Iron Circular Bends or Elbows, of which see prices opposite.

No. 3.



Strong Grooved Stove Pipe Bends.

With Sliding Door.

Inches	2	2½	3	3½	4
Black ... each	3/9	4/-	4/3	4/6	4/9
Galvanized "	4/6	4/9	4/9	5/0	5/3

Inches	4½	5	6	8
Black ... each	5/0	5/6	9/6	12/0
Galvanized "	5/9	6/6	11/-	14/0

Strong Grooved Stove Pipe Elbows.

No. 4.



Inches	2	2½	3	3½	4
Black ... per doz.	11/6	11/9	12/-	12/6	16/-
Galvanized "	13/-	11/-	11/6	12/6	20/-

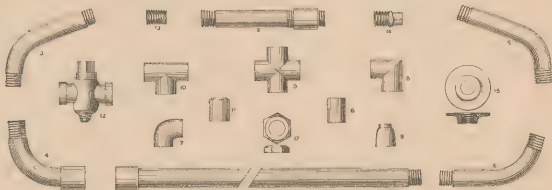
Inches	4½	5	6	8
Black ... per doz.	16/6	18/6	24/-	—
Galvanized "	22/-	24/-	32/-	—

With Sliding Door for cleaning 2/6 each extra.

WELDED WROUGHT IRON TUBES AND FITTINGS FOR GAS, STEAM OR WATER.

WROUGHT IRON TUBES AND FITTINGS.

BLACK OR GALVANIZED.



EVERY TUBE TESTED BEFORE LEAVING THE WORKS.

Orders amounting to 40/- and upwards, sent Carriage Paid from the Works.

Isle of Wight, Carriage Paid to Portsmouth.

Channel Islands, Carriage Paid to Southampton.

FOR PRICES SEE PAGE 127.

BRAZED COPPER BOILERS.

BEST QUALITY, WORKMANSHIP AND FINISH.

Copper Boilers are more easily heated than Iron Boilers, consequently combine economy with efficiency.

Plain Bath Boiler.

No. 13.



Width	Height	Bottom	Top	$\frac{1}{2}$ in thick	$\frac{3}{4}$ in thick
Inches.	Inches.	Inches.	Inches.	$\frac{1}{2}$ in. d.	$\frac{3}{4}$ in. d.
10	10	9	7	5 1 0	3 12 0
12	10	10	8	7 11 6	5 1 0
14	11	11	9	9 7 6	7 15 0
16	11	11	9	1 18 0	4 4 0
18	12	12	10	7 18 0	5 2 0

If fitted with Manhole and Sunk Brass Cover, 10/6 each extra.

Strong Brass Unions, with Copper extension pipe, extra, per pair, 6/6. 1 in., 8/3.

Boot Boiler.

No. 15.

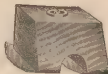


$\frac{1}{2}$ in., $\frac{3}{4}$ in. and $\frac{1}{2}$ in. thick.

Plain	...	...	...	...	1/74 per lb.
If with Arched Flue at bottom only	...	...	...	...	1/68 "
If with Arched Flue at bottom and intersecting Flue at back	...	...	...	...	1/10 "
If fitted with Manhole and Sunk Brass Cover, 10/6 each extra.					
Strong Brass Unions, with Copper extension pipe, extra, per pair, 6/6. 1 in., 8/3.					

Arched Bath Boiler.

No. 14.



Width	Height	Bottom	Top	$\frac{1}{2}$ in thick	$\frac{3}{4}$ in thick
Inches.	Inches.	Inches.	Inches.	$\frac{1}{2}$ in. d.	$\frac{3}{4}$ in. d.
10	10	9	7	3 9 0	2 30 0
12	10	10	7	4 1 0	3 9 0
14	11	11	8	4 10 0	4 10 0
16	11	11	8	5 10 0	5 0 0
18	12	12	9	6 12 0	6 0 0

If fitted with Manhole and Sunk Brass Cover, 10/6 each extra.

Strong Brass Unions, with Copper extension pipe, extra, per pair, 6/6. 1 in., 8/3.

Ell Boiler.

No. 16.



$\frac{1}{2}$ in. thick or $\frac{3}{4}$ in. thick, 1/74 per lb.

If fitted with Manhole and Brass Sunk Cover, 10/6 each extra.

If fitted with best Brass Range Taps, $\frac{1}{2}$ in. 1 in. 7/- each extra.
with spinner handle

COPPER BOILERS MADE TO SPECIAL SIZES, TO SUIT EXACT REQUIREMENTS, AT LOWEST PRICES, CONSISTENT WITH GOOD QUALITY.

COPPER HOT WATER PIPES—SOLID DRAWN AND TINNED INSIDE—CAN BE SUPPLIED. PRICES UPON APPLICATION

WROUGHT IRON WELDED BATH BOILERS.

No. 1.



No. 3.



No. 6.



High. Btm. Top

WIDTH

3-in.	4-in.	6-in.	10-in.	12-in.	14-in.	16-in.	18-in.	20-in.
0	8	6	21-	22	27,6	33,6	30,6	32,0
10	11	7	22	24,6	30-	31-	32,6	34,0
12	11	7	24-	25-	30,6	31,6	33	35

WITH

High. Btm. Top

ARCH FLUR	3-in.	4-in.	6-in.	10-in.	12-in.	14-in.	16-in.	18-in.	20-in.
1st Quality	12	12	9	34	36	38,6	40	42	44
	11	11	7	31,6	33,6	35,6	37,6	39	41
	10	10	6	28	30	32,0	34	36	38

WIDTH

High. Btm. Top	3-in.	4-in.	6-in.	10-in.	12-in.	14-in.	16-in.	18-in.	20-in.
1st Quality	12	12	9	34	36	38,6	40	42	44
	11	11	7	31,6	33,6	35,6	37,6	39	41
	10	10	6	28	30	32,0	34	36	38

High. Btm. Top

WIDTH

3-in.	4-in.	6-in.	10-in.	12-in.	14-in.	16-in.	18-in.	20-in.
12	12	9	34	36	38,6	40	42	44
11	11	7	31,6	33,6	35,6	37,6	39	41
10	10	6	28	30	32,0	34	36	38

Holes, Unions and Manhole Covers usual extras. No. 3 Boilers can be supplied lighter (3rd quality) if desired, but 1st quality sent unless otherwise ordered.

"West of England" Bath Boiler. Braby's "Specialty" Bath Boiler.

Open Top Side Boiler.

No. 10.



WITH ARCH FLUR

High. Bottom. Top.

10 wide in 6-in. by 8-in. by 6	23,6 each.
12 " by 6-in. by 8-in. by 6	24,6 "
10 " by 8-in. by 8-in. by 6	27-
12 " by 8-in. by 8-in. by 6	28-

NOT INCLUDING MAN-HOLE COVER.

If required without Arch Flur, 1/6 each less.

No. 11.



WITH ARCH FLUR

10-in. wide by 8-in. high by 8-in. and 7-in. at top

23,6 each.

INCLUDING PLAIN BORED MAN-LIDS.

With "Sunk" Manholes, 2/- each extra net.

No. 12.



With ANGLE IRON FLANGE .. 54d. per lb.

If with WELDED FLANGE .. 6,3 "

Holes and Brass Unions usual extra.

All kinds of Bath and Range Boilers.

WROUGHT IRON WELDED SADDLE BOILERS.

Wrought Welded Plain Saddle Boiler.

No. 5.



With 2-in. to 3-in.
Waterway.

INSIDE			OUTSIDE			Actual Heat- ing Power in 4-inch Pipe	PRICE			PRICE			INSIDE			OUTSIDE			Actual Heat- ing Power in 4-inch Pipe	PRICE			PRICE		
Long.	Wide	High	Long.	Wide	High		ft.	s.	d.	ft.	s.	d.	Long	Wide	High	Long	Wide	High		ft.	s.	d.	ft.	s.	d.
16	10	11	14	13	15	150	2	1	0	2	11	0	12	16	16	22	20	19	550	6	11	0	4	11	0
18	12	12	16	14	18	180	2	7	9	2	17	0	42	18	18	24	21	21	630	7	16	6	4	17	0
20	14	12	18	16	20	180	2	7	9	2	17	0	48	14	14	20	17	17	550	6	19	0	4	15	0
22	16	11	14	14	22	210	2	14	6	3	0	0	18	16	16	22	19	19	640	7	16	6	4	17	0
24	18	11	14	14	24	210	2	14	6	3	0	0	48	18	18	24	21	21	720	8	18	0	4	18	0
26	20	11	16	16	26	240	2	18	6	3	8	0	48	20	18	26	21	21	900	9	0	0	4	17	0
28	22	11	18	18	28	240	2	18	6	3	8	0	48	22	21	27	21	21	840	9	17	0	4	17	0
30	24	11	17	17	30	270	3	5	0	3	8	0	48	24	18	30	21	21	830	10	8	0	4	18	0
32	26	11	19	19	32	315	3	11	9	4	17	0	48	26	21	32	21	21	880	11	5	0	4	18	0
34	28	12	17	17	34	360	3	1	6	9	15	0	54	28	18	34	21	21	850	11	8	0	4	18	0
36	30	12	19	19	36	350	3	1	0	0	18	0	54	30	21	36	21	21	950	11	5	6	4	19	0
38	32	12	17	17	38	330	3	18	0	4	1	0	54	32	18	38	21	21	910	11	17	0	4	18	0
40	34	12	19	19	40	385	4	8	9	4	1	0	54	34	21	40	21	21	1,000	11	10	0	4	18	0
42	36	12	17	17	42	360	4	5	0	4	4	0	60	36	18	42	21	21	950	11	5	0	4	18	0
44	38	12	19	19	44	420	4	13	0	8	0	0	60	38	21	44	21	21	1,060	12	6	6	4	19	0
46	40	12	21	21	46	480	5	10	0	1	8	0	60	40	21	46	21	21	1,000	12	16	6	4	19	0
48	42	12	23	23	48	450	5	10	0	1	8	0	60	42	21	48	21	21	1,120	13	10	0	4	19	0

Improved Terminal End Saddle Boiler.

No. 7.



With Return Flue through
Crown.

in.	in.	in.	in.	in.	ft.	s.	d.	s.	d.	in.	in.	in.	in.	in.	ft.	s.	d.	s.	d.				
24	12	12	18	23	325	8	2	0	4	5	0	18	16	16	22	27	850	13	0	0	5	4	0
24	14	14	20	25	375	8	2	0	4	5	0	18	18	18	24	27	975	20	10	0	5	11	0
30	14	14	20	25	475	11	11	0	11	6	0	18	21	21	27	32	1,150	23	4	0	6	8	0
30	16	16	22	27	550	12	2	0	4	18	0	18	24	24	30	32	1,225	25	2	6	6	13	0
33	14	14	20	25	625	12	1	0	4	18	0	14	21	18	27	32	1,175	24	12	0	4	16	0
34	16	16	22	27	600	12	4	6	4	1	0	14	21	21	30	32	1,300	26	9	0	6	16	0
36	14	14	20	25	575	12	9	0	1	1	0	14	21	21	30	32	1,375	27	1	0	7	2	0
36	16	16	22	27	650	14	6	0	4	1	0	14	21	18	27	32	1,300	27	15	0	7	9	0
42	14	14	20	25	875	15	0	0	4	11	0	16	21	21	37	32	1,450	29	1	0	7	2	0
42	16	16	22	27	750	16	5	0	1	17	0	16	21	21	39	32	1,525	30	7	0	7	10	0
42	18	18	24	29	875	18	4	0	5	4	0												

Other sizes can be made to suit positions, and Estimates given if required. Riveted Boilers made to order.

Extra for Sockets, 2-in. 5/6, 3-in. 6/6, 4-in. 7/6 each Net; Elbow Sockets, 2-in. 7/6, 3-in. 8/6, 4-in. 10/6 each Net;
Cleaning Plugs in front, extra.

WROUGHT IRON WELDED BOILERS.

Ell Boiler.

No. 2.

 $\frac{1}{8}$ in. or $\frac{3}{8}$ in. thickness of plate.

	Per lb.
Close Top, with Man-hole and Cover	6d.
Ell, with Flue over Fire Part, 12- net upon	6d.
Double Ell Boiler, Open or Close Top	6d.
Open Top, fitted with Angle Iron Flanges	6d.
Close Top, with Notch, 3/- net extra upon	6d.
Close Top, with Arch Flue and Man-hole and Cover, 1/- per inch net extra upon	6d.
Close Top, with Shallow Fire Part, 12- net extra upon	6d.
Close Top, with Flue over 20 Ell, 10/- to 12- net extra upon	6d.
Close Top, with Oval Flue through the Ell End, 10/- to 12- net extra upon	6d.

Boot Boiler.

No. 4.

 $\frac{1}{8}$ in. or $\frac{3}{8}$ in. thickness of plate.

	Per lb.
With Man-hole and Cover complete	6d.
With Arch Flue, 1/- per inch net extra upon	6d.
With Back Flue, 7/6 to 15/- net extra upon	6d.
With Oval Flue, 7/6 to 15/- net extra upon	6d.
With Intersecting Flues, 20/- to 30/- net extra upon	6d.
With Ribbed Flue, 15/- to 30/- net extra upon	6d.
With Round Toe and Man-hole and Cover	6d.
With Open Top and Angle Iron Flange	6d.
With Front or Side Flue, right or left hand, 15/- to 25/- net extra upon	6d.
With Intersecting Arch Flue and Man-hole Cover, 15/- to 25/- net extra upon	6d.

No. 8.



Wrought Welded Kitchen Boilers.

 $\frac{1}{8}$ in. or $\frac{3}{8}$ in. thickness of Plate.

	Per lb.
With Bevelled or Round Top, and Man-holes and Covers	6d.
With Round or Bevelled Toes, in pairs, with Man-holes and Covers	6d.
With Shoe Welded in front, with Man-holes and Covers	6d.
With Shoe Welded in front, in pairs, with Man-holes and Covers	6d.

No. 9



ALL RANGE AND BOOT BOILERS CAN BE SUPPLIED RIVETED IF REQUIRED.

OTHER PATTERNS AND SIZES ON APPLICATION.

WROUGHT IRON WELDED BOILERS.

THE "ISLINGTON" BOILER.

THE "ISLINGTON" BOILER is made with a Waterway Top and it is also carried to the level of the Fire Bars, so that the fire, being entirely surrounded by a Waterway, it can be fixed either in a Brick or Wood foundation of Greenhouse.



ELEVATION.



SECTION.

The Smoke Flue can be put at right or left hand side, as required, and is fitted with a Slide Damper without extra charge.

PRICE OF GALVANIZED BOILERS, WHERE PRICE IS NOT GIVEN, ABOUT 25 PER CENT. EXTRA UPON NET COST.

All Boilers sold by weight; if under 112 lbs., are charged $\frac{1}{4}$ lb. per lb. extra net. If under 56 lbs., are charged in accordance with the cost.

Estimates given for all kinds of Wrought, Mild and Riveted Boilers in Iron and Steel. Also Copper Boilers for Hot Water apparatus and other purposes.

ALL BOILERS ARE CAREFULLY TESTED TO A HEAVY PRESSURE BEFORE LEAVING THE WORKS.

ESTIMATES SUBMITTED FOR EVERY DESCRIPTION OF HOT WATER WORK, CARRIED OUT COMPLETE IN ANY PART OF THE KINGDOM.

Size of Boiler, exclusive of Stand. Rtg. Wdg. Deep.			Size of Sockets.	Actual Heating Power in 4-inch Flgs.	OUTSIDE Diameter Smoke Flue.	Total Height including Stand.	PRICE
10.	10.	10.	10.	fl.	in.	ft.	£ s. d.
18 x 12 x 12	18	18	18	50	34	23 3/4	1 18 6
21 x 12 x 12	21	21	21	110	34	24 3/4	0 8 9
24 x 12 x 12	24	24	24	120	34	25 3/4	5 18 0
18 x 14 x 14	18	18	18	100	4	21	4 18 0
21 x 14 x 14	21	21	21	120	4	24	5 18 0
24 x 14 x 14	24	24	24	140	4	27	6 11 3
24 x 14 x 14	24	24	24	160	4	30	7 1 0
24 x 14 x 14	24	24	24	180	4	33	7 17 6
30 x 14 x 14	30	30	30	200	5	36	8 10 0
24 x 17 x 17	24	24	24	200	5	34	5 10 0
30 x 17 x 17	30	30	30	240	5	36	11 3 0
36 x 17 x 17	36	36	36	260	5	40	13 9 0
42 x 22 x 22	42	42	42	320	6	38	10 14 3
30 x 20 x 20	30	30	30	340	6	38	14 15 0
36 x 22 x 22	36	36	36	360	6	41	15 15 0
42 x 24 x 24	42	42	42	400	6	45	18 7 0
30 x 24 x 24	30	30	30	420	6	38	15 6 0
36 x 24 x 24	36	36	36	440	6	39	16 11 0
42 x 24 x 24	42	42	42	490	6	45	20 7 0
42 x 24 x 24	42	42	42	570	6	51	23 0 0
48 x 24 x 24	48	48	48	650	6	57	28 0 0

The 4-inch Smoke Flues (16 ft.), each extra. Strong Wrought Iron Smoke Pipes (12 ft.)

The Sockets, unless specially ordered, are fitted at back of boiler

$\frac{1}{4}$ inch Brass Draw-off Taps fitted to Boiler, $\frac{1}{4}$ extra net.

WROUGHT IRON WELDED FURNACE PANS.

Welded Furnace Pans.

NO.	CAPACITY	SIZE.		PRICE.		
		Dia.	Depth.	$\frac{5}{16}$ in. Plates	$\frac{3}{4}$ in. Plates	$\frac{1}{2}$ in. Plates
	Gallons	in.	in.	$\frac{5}{16}$ in. Plates	$\frac{3}{4}$ in. Plates	$\frac{1}{2}$ in. Plates
1	20	20	20	3	6	6
2	25	21	21	3	15	9
3	30	22	22	4	0	9
4	35	24	22	4	10	3
5	40	25	24	5	0	0
6	45	26	24	5	7	0
7	50	27	26	5	16	6
8	60	28	28	6	8	3



NO.	CAPACITY	SIZE.		PRICE.		
		Dia.	Depth.	$\frac{5}{16}$ in. Plates	$\frac{3}{4}$ in. Plates	$\frac{1}{2}$ in. Plates
	Gallons	in.	in.	$\frac{5}{16}$ in. Plates	$\frac{3}{4}$ in. Plates	$\frac{1}{2}$ in. Plates
9	70	30	30	7	7	3
10	80	32	30	8	6	3
11	90	32	32	8	15	9
12	100	34	32	9	5	3
13	200	42	42	11	5	0
14	300	48	48	18	9	6
15	400	54	50	22	6	6

Steam Jacketed Pans.

FOR COOKING, BOILING, &c., WITH HIGH PRESSURE STEAM.

STEAM SPACE FROM $1\frac{1}{2}$ TO 2-IN.

NO.	CAPACITY	INSIDE SIZES		PRICE.		
		Dia.	Depth.	$\frac{5}{16}$ in. Plates	$\frac{3}{4}$ in. Plates	$\frac{1}{2}$ in. Plates
	Gallons	in.	in.	$\frac{5}{16}$ in. Plates	$\frac{3}{4}$ in. Plates	$\frac{1}{2}$ in. Plates
20	20	20	20	7	12	0
21	25	21	21	8	11	0
22	30	22	22	9	10	0
23	35	24	22	10	5	0
24	40	25	24	11	8	0
25	45	26	24	12	2	0
26	50	27	26	13	3	0



NO.	CAPACITY	INSIDE SIZES		PRICE.		
		Dia.	Depth.	$\frac{5}{16}$ in. Plates	$\frac{3}{4}$ in. Plates	$\frac{1}{2}$ in. Plates
	Gallons	in.	in.	$\frac{5}{16}$ in. Plates	$\frac{3}{4}$ in. Plates	$\frac{1}{2}$ in. Plates
27	60	28	28	13	15	0
28	70	30	30	15	4	0
29	80	32	30	17	0	0
30	90	32	32	19	16	0
31	100	34	32	22	12	0
32	200	42	42	23	5	0

IF REQUIRED TO BEAR A REGULAR PRESSURE OF OVER 25-LBS. PER SQUARE INCH, EXTRA FOR STAYS,
ACCORDING TO THE WORKING PRESSURE.

FURNACE PANS.

BRABYS' BRAZED COPPER FURNACE PANS (SPECIALLY PLANISHED).

Copper.

PRICES.



	£ s. d.		£ s. d.
7 gal.	0 12 0	14 gal.	1 5 0
8 "	0 15 2	16 "	1 7 8
10 "	0 18 2	18 "	1 11 6
12 "	1 1 2	20 "	1 17 6

If Tinned inside 3d. per Gallon extra.

FOR DURABLE SATISFACTORY ARTICLES TRY THESE PANS. THERE IS NO POSSIBILITY OF LEAKING, BREAKAGE, &c. CHEAPER IN THE END THAN ORDINARY COPPER OR CAST IRON PANS. RIVETED COPPER PANS, SEE PAGE 135.

WROUGHT PLATE IRON FURNACE PANS (HOT RIVETED).

Gals.	INSIDE DIMENSIONS.		$\frac{1}{2}$ Plate.		$\frac{3}{4}$ Plate.	
	Diam. at top	Depth	Black	Gal'd	Black	Gal'd

about	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in		
20	1	0	1	5	1	8	1	17	2	5	0	2	1	
30	2	0	1	8	1	8	2	2	2	11	0	2	11	
40	2	4	2	0	1	10	2	5	0	2	17	0	3	18
50	2	8	2	1	2	0	2	12	6	3	4	6	3	1
60	2	7	2	3	2	2	3	0	5	1	6	1	4	16
70	2	9	2	5	2	3	3	7	4	4	4	5	9	0
80	2	10	2	6	2	4	3	15	0	4	13	6	1	6



Gals.	INSIDE DIMENSIONS.		$\frac{1}{2}$ Plate.		$\frac{3}{4}$ Plate.	
	Diam. at top	Depth	Black	Gal'd	Black	Gal'd

About	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.	
90	2	11	2	7	2	6	4	2	6	5	3	6	15
100	3	0	2	8	2	7	4	10	5	13	0	7	7
125	3	5	2	11	2	8	5	1	0	6	6	6	5
150	3	1	3	0	3	0	5	12	6	7	0	7	0
200	3	1	3	4	3	3	6	16	6	8	10	8	10
250	4	1	3	7	3	6	8	0	6	9	18	9	18
300	4	3	3	2	3	9	7	6	11	10	1	10	1

FURNACE PANS.

SOLID RIVETED COPPER FURNACE PANS.

COPPER.



WASHING COPPERS.

For the convenience of our Customers who like to know exactly what the cost of Copper Pans will be, we give the Prices up to 20 gallons, so that the actual net cost is easily ascertained.

PRICES.

6 galls.	11/4 each.
8 "	15/4 "
10 "	19/6 "
12 "	22/9 "
14 "	26/3 "
16 "	30/6 "
20 "	37/3 "

LARGE STOCKS.

OTHER SIZES AT PROPORTIONATELY LOW RATES PROMPTLY SUPPLIED.

TABLE OF APPROXIMATE CAPACITY, SIZES AND WEIGHTS OF IMPROVED RIVETED COPPER FURNACE PANS.

CAPACITY.	6	8	10	12	14	16	20	23	26	30	33	37	41	45	50 Galls.
Inside Diameter at Top	14	16	18	19	20	21	23	24	25	26	27	29	30	30	31 inches.
Diameter of Bottom...	11 1/2	13	14	15	16	17	19	19	20	21	22	23	24	25	26 "
Depth of Sides ...	11 1/2	12 1/2	13	14	15	16	17	17	18	19	19	20	21	21	22 "
Diagonal Length from Lag to Brim	17	19	21	22	23	24	26	27	29	30	31	32	33	34	36 "
Approximate Weight	8 1/2	11	14	16 1/2	18	22	27	35	40	48	50	55	61	68	75 "

Quotations given at per lb. if desired; also for other sizes and lighter or heavier Gauges.

The strengths have been carefully considered, and Copper Pans (and other larger sizes) should weigh approximately not less than stated above.

WASHING COPPERS fitted with Pipe and Cock if required extra.

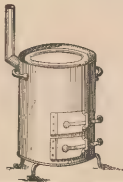
BREWING COPPERS, with Draw-off Pipe and Square or Round Way Cocks and Spanners as required.

FOR BRASS COPPER PANS SEE PAGE 134.

WROUGHT IRON PORTABLE COPPER FRAMES AND PANS.

Portable Frames—FITTED COMPLETE.

PRICES EACH, Elbow and 2 ft. Pipe included.



Gallons.	* FITTED FOR COAL OR GAS.			Galvanized Wrought Iron Covers.
	Japaned Frame and Galvanized Cast Pan.	Galvanized Frame and Galvanized Cast Pan.		
6	1 5 0	1 10 0	2 0	
8	1 9 0	1 13 6	2 3	
10	1 13 0	1 18 0	2 6	
12	1 17 0	2 2 0	2 9	
14	2 1 0	2 7 0	3 0	
16	2 5 0	2 11 0	3 3	
18	2 10 0	2 15 0	3 6	
20	2 15 0	3 0 0	3 9	
25	3 3 0	3 11 6	4 6	
30	3 13 0	4 0 0	5 3	
35	4 2 6	4 15 0	6 0	
40	4 13 0	5 7 0	6 9	
50	5 9 0	6 0 0	8 0	

GALVANIZED

WROUGHT SHEET IRON FURNACE PANS.

Seamed.			Riveted.		
£	s.	d.	£	s.	d.
0	3	6	0	4	3
0	4	6	0	5	3
0	5	9	0	7	0
0	6	9	0	8	0
0	7	9	0	9	3
0	9	0	0	10	9
0	10	3	0	12	3
0	11	3	0	13	6
0	13	6	0	18	2
0	18	9	1	2	6
1	1	9	1	7	0
1	5	0	1	11	6
1	11	6	1	17	6

Wrought Sheet Iron, instead of Cast Iron Pans, can, if preferred, be supplied at same prices.

* Unless otherwise ordered will be supplied fitted for Coal.

FOR PRICES OF OTHER DESCRIPTIONS

OF FURNACE PANS, BOILERS, &c.,

SEE PAGES 128 TO 139.

If mounted on 3 wheels, from 4 to 12 Gallons, 18/0 each extra.										If mounted on 4 wheels, fixed axles, from 6 to 12 Gals., 14/6 each extra.									
"	"	"	14 to 20	"	20/8	"	"	"	"	"	"	"	14 to 20	"	16/9	"	"		
"	"	"	20 to 35	"	22/6	"	"	"	"	"	"	"	20 to 35	"	19/0	"	"		
"	"	"	40 to 50	"	25/6	"	"	"	"	"	"	"	40 to 50	"	23/0	"	"		

Cast Pan.

Cast Iron
FURNACE PANS.

KEPT IN STOCK

From 6 to 100 gallons

BLACK OR GALVANIZED.

All our Furnace Pans are thoroughly galvanized
with the best description of Spelter.

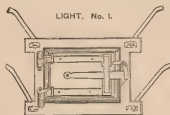
GALVANIZED

Sizes.	Prices.
6 to 20 galls.	6½d. per gall
20 " 50 "	7½d. "
60 " 80 "	8½d. "
100 "	9½d. "

Larger Sizes to order.

CAST FURNACE DOORS, GRATES, DAMPERS, &c.

Furnace Doors & Frames.



LIGHT. No. 1.

"A" Pattern.

Furnace Grates.



PRICES ... 18/- per cwt.

False Bottom.

PRICES, per cwt., 16/-
Less quantities, 20/-

Furnace Doors & Frames.



HEAVY. No. 3.

"B" Pattern.

Nos.	1	2	3	4	PAT- TERN	SIZES.	WIDE.	LONG.	WIDE.	LONG.	Nos.	1	2	3	4	5
	Inches.	Inches.	Inches.	Inches.		Inches	Inches	Inches	Inches	Inches		Inches	Inches	Inches	Inches	Inches.
Openings	5½ × 4½	6½ × 4½	7½ × 5½	8½ × 6½	Light	8 × 5	9 × 6	10 × 7	11 × 8	12 × 9		6 × 5½	7 × 6	8 × 7	9 × 7½	10 × 8
Per dozen	13/-	15/-	24/-	35/-	Heavy	9 × 6	10 × 7	11 × 8	12 × 9	14 × 10		22 6	26/-	33/-	39/-	49/-

Dampers & Frames.

No. 4.



Soot Door.

No. 5.



8½ × 6½ ins. ... 24/- per dozen.

Soot Door.

No. 11.



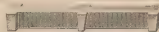
Box Soot Door.

No. 12.



No.	Outside Frames.	Size of Opening.	PRICES.
	Inches	Inches	Per dozen
1	6 × 8	4 × 6	5
2	6 × 9	5 × 7	7
3	8 × 10	6 × 8	14
4	9 × 11	7 × 9	21
5	10 × 12	8 × 10	28

Furnace Bars.



SIZES, 2 ins. to 24 ins.

PRICE ... 18 6 per cwt.

No.	SIZES.	PRICES.	No.	SIZES.	PRICES.
1	6 × 7	14	6	4 × 5½	21
2	7 × 8½	24	7	5 × 6½	28
3	8 × 7	30	8	7 × 8	30

PORTABLE BOILER.

Indispensable for

Caterers,

Refreshment Contractors, &c.



Boiling water speedily

obtained at a

minimum cost for Fuel.

PRICES.—(including $\frac{3}{4}$ inch Brass Tap.)

Capacities, Gallons	Japanned Wrought Iron Stand, and Galvanized Body.			Japanned Wrought Iron Stand, and Stout Copper Body. Tinned Inside		
	£	s.	d.	£	s.	d.
15	2	8	0	3	15	0
20	2	16	0	4	4	0
25	3	7	6	4	15	0
30	4	0	0	5	12	0
40	5	0	0	6	15	0

CAN BE SUPPLIED FOR HEATING BY GAS AT SAME PRICES.

ANY OTHER SIZES MADE TO ORDER AT PROPORTIONATE PRICES.

Some of the advantages of this Portable Boiler over the Ordinary Portable Coppers and Furnaces are as follows.

- 1.—Flue passing through Boiler, contents more Speedily heated.
- 2.—The covered top forms a useful stand for keeping Pots, &c., hot.
- 3.—Water can be more conveniently drawn by means of tap into cans, &c., than by a lading process from top.

IRON ASPHALTE FURNACES OR KETTLES.

For Melting Asphalte, Pitch, &c., combining all the latest improvements - Wrought Iron Fire Grate, which lasts very much longer than Cast Iron



PRICES.

P. 2100.										£	s.	d.
8-ft. 6-in. high, 3-ft. diameter, with Pan, Floe, &c., complete	...	...	...	...	...	...	...	...	...	10	17	6
Stirrer	...	...	...	...	...	...	...	...	...	13	2	4
Bucket	...	...	...	...	...	...	...	...	...	0	6	9

The above Pots have Loose Bottoms to Pan, which can be turned or replaced when worn out at much less cost than can fixed bottoms; a little common oil, luted, renders them perfectly tight. The Pan drops into the Frame, and can be easily removed. Drop Handles at side can be supplied if required without extra cost. The Door is supplied either hinged or to slide.

BRASS BOILER SAFETY VALVES AND TAPS.



The fatal accident which occurred at Mr. W. Randall's, C.E., of B. size Park, Hampstead, through the creation of pipes connected with the boiler of the kitchen range having become frozen up, caused said gentleman to turn his attention to an unproved safety valve cap, the effects and application of which will be at once apparent by the following:—

The tendency to stick, or "set"—which is the great defect of the ordinary "ground in" safety valve—is additionally guarded against in the Patent Tap by the face of the valve being of vanadium, which cannot corrode and will stand the action of hot water and steam for years without deterioration.

The spiral brass spring when screwed down to the utmost, balances the pressure exerted on the boiler by the water in the circulating pipes in London to 25 feet high. For less heights, the workman in fixing the tap has merely to unnerve the cap nut, the water issues from the side aperture, and to screw it down again until it ceases to run (but not further), and then to tighten up the back nut.

When the circulating pipes become stopped by frost or any other cause, and the water and steam in the boiler attain a pressure greater than the weight of the water in the circulating pipes, the valve opens and the latent water escapes into the sink, or other receptacle placed beneath it, the draw-off tap thus forming at the same time a complete self-acting safety valve.

The Valves or T p Valves should be fixed close to the fire, but to a short piece of pipe welded into top of Buld. 3, through top of Dome Plate and standing up at least 12 inches, and into which the Valve should be screwed. This to prevent the vulcanite of the "seating" in Valve from getting destroyed by fire (i.e., dry) heat.

The valves should be occasionally inspected and tested to see that the same are in proper order.

PRICES.

No. 1—Safety draw-off Boiler Valve	... ..	8-in. 20'	1-in. 24'-
No. 2—Safety Valve for Boilers and Circulating Cisterns	... ..	2-in. 6	1-in. 8 6"
No. 2a—" " " " " " " "	... ..	2-in. 10.9	1-in. 13'-
No. 3—Boiler Valve, screwed for Iron Pipes with Handle Testing Action	... ..	2-in. 15.9	1-in. 18'-

The Nos. 1, 2A and No. 3 can be recommended in preference to the No. 4 for the obvious reason that they can be readily tested, as described occasionally done by merely moving the handle.

The No. 2A will be supplied unless otherwise ordered.

TANKS AND CISTERNS.

GALVANIZED



IRON



(GALVANIZED AFTER MANUFACTURED.)

WE ARE THE ORIGINAL INTRODUCERS OF THE HOT WATER CYLINDRICAL TANKS.

FOR PRICES AND PARTICULARS OF CISTERNS AND TANKS SEE FOLLOWING PAGES.

Wrought Galvanize Iron Painted Hot Cisterns and Tanks made to any dimensions, and to any shape, at short notice. Special estimates given for large Tanks, made to order, for use in Factories. Hot-water Tanks made to order to stand special pressures. Manufacturers of Water Tanks specially to fit Ships, Yachts, &c. Also of Water-cooled and Lard Machine Cist. Bodies, Funnels, Chimney Stacks, Jacketed Cisterns, Steam Cisterns, and every kind of Riveted Iron Work.

Special quotations for STEEL Cisterns and Tanks given on application.

All Cisterns and Tanks are carefully tested before leaving our works, and we cannot hold ourselves responsible for any leakage.

PATENT SAFETY VALVE FOR HOT WATER TANKS. THE LATEST DESIGN IS NOW AVAILABLE. FOR PARTICULARS AND PRICES SEE PAGE 41.

Supplying and fixing Screwed Flange to Tank to receive Safety Valve 1s. 4d.

RIVETED RECTANGULAR IRON OPEN TOP CISTERNS.

Prices for Galvanized.

Gallons.	OUTSIDE DIMENSIONS				Thinner than 18 Gauge	No. 18 Gauge		No. 16 Gauge		No. 14 Gauge		No. 12 Gauge		1 1/2"b Plate		2 1/2"b Plate		Gallons.
	Length.	Width.	Depth.			£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
About	ft. in.	ft. in.	ft. in.															About
20a	1 8	1 3	1 6															20a
20b	2 0	1 0	1 8															20b
20c	2 0	1 8	1 6															20c
20d	3 2	1 0	1 0															20d
20e	2 0	1 8	1 3															20e
20f	2 0	1 0	2 0															20f
20g	3 2	1 3	1 1															20g
20h	2 0	2 0	1 3															20h
20i	3 0	1 3	2 6															20i
20j	3 1	1 6	1 6															20j
20k	2 1	1 6	1 6															20k
20l	2 0	2 0	1 7															20l
20m	2 0	1 7	2 0															20m
20n	3 3	2 0	1 3															20n
20o	2 3	1 8	1 8															20o
20p	2 0	2 0	2 0															20p
20q	2 7	2 6	1 7															20q
20r	3 3	2 4	1 0															20r
20s	2 3	1 10	1 10															20s
20t	2 7	1 7	2 0															20t
20u	3 0	2 0	1 3															20u
20v	3 0	2 2	1 11															20v
20w	3 0	2 2	2 0															20w
20x	3 0	2 0	2 2															20x
20y	4 0	2 0	2 2															20y
20z	3 2	2 8	3 7															20z
20a	3 7	2 10	2 6															20a
20b	3 10	3 0	3 5															20b
20c	4 0	3 11	2 8															20c
20d	3 2	3 2	3 2															20d
20e	3 0	3 0	3 8															20e
20f	4 6	3 8	2 8															20f
20g	3 0	3 8	2 8															20g
20h	3 0	3 8	2 8															20h
20i	3 0	3 8	2 8															20i
20j	3 0	3 8	2 8															20j
20k	3 0	3 8	2 8															20k
20l	3 0	3 8	2 8															20l
20m	3 0	3 8	2 8															20m
20n	3 0	3 8	2 8															20n
20o	3 0	3 8	2 8															20o
20p	3 0	3 8	2 8															20p
20q	3 0	3 8	2 8															20q
20r	3 0	3 8	2 8															20r
20s	3 0	3 8	2 8															20s
20t	3 0	3 8	2 8															20t
20u	3 0	3 8	2 8															20u
20v	3 0	3 8	2 8															20v
20w	3 0	3 8	2 8															20w
20x	3 0	3 8	2 8															20x
20y	3 0	3 8	2 8															20y
20z	3 0	3 8	2 8															20z

* STOCK IS KEPT OF ONLY THOSE AGAINST
WHICH * IS PLACED.

As a guide to our Customers as to which gauges to order, we may state that the following are mostly in request, viz. —
16 Gauge from 90 to 800 gallons. 14 Gauge from 100 to 800 gallons. 12 Gauge from 350 to 450 gallons.

And of which respective gauges orders will be executed unless some other gauge is stated on orders. Thicker gauges than the above, of course, be much more DURABLE, but the gauges mentioned are those for which there is the greatest demand. Gauges not kept in stock can be supplied within a few days.

Loose covers, with handles, for Cisterns, and prepared with Sticks to prevent slipping off ...	Gauges	20	18	16	14	12	1 1/2"b
		Prices per foot square	6 1/2d.	7 1/2d.	9d	10 1/2d	12 1/2

Corrugated Covers suitable for above Cisterns, see page 149.

RIVETED RECTANGULAR IRON CLOSED TOP HOT WATER TANKS.

With Bolted Manhole and Cover.

Prices for Galvanized.

Gallons	OUTSIDE DIMENSIONS.			No. 16 Gauge.			No. 14 Gauge.			No. 12 Gauge.			1 1/2" Plate.			2 1/2" Plate.			Gallons.
	Lengths	Widths	Depths	Tested to a Pressure of 1 lb. per Square Inch. — 2 ft. head of water			Tested to a Pressure of 3 lbs. per Square Inch. — 5 ft. head of water			Tested to a Pressure of 4 lbs. per Square Inch. — 5 ft. head of water			Tested to a Pressure of 6 lbs. per Square Inch. — 10 ft. head of water			Tested to a Pressure of 10 lbs. per Square Inch. — 20 ft. head of water			
	ft. in.	ft. in.	ft. in.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	
About 200	1 6	1 6	1 6																About 200
210	1 10	1 4	1 5	1	5	0	1	7	0	1	11	0	1	16	0	2	7	0	210
220	2 0	1 8	1 0																220
230	1 7	1 7	1 8																230
240	2 0	1 5	1 6	1	8	6	1	10	6	1	16	0	1	19	6	2	18	0	240
250	2 2	1 10	1 1																250
300	1 10	1 10	1 9																300
350	2 0	2 0	1 3	1	11	0	1	10	0	1	19	0	2	4	0	2	10	6	350
400	2 0	1 6	1 8																400
450	1 10	1 10	1 11																450
500	2 0	2 0	1 7	1	15	0	1	18	0	2	4	0	2	11	0	3	8	0	500
550	2 7	2 0	1 7																550
600	2 7	1 8	1 8																600
650	2 0	2 0	1 8																650
700	2 7	2 0	1 7	2		0	2	3	6	2	10	6	2	18	0	3	17	0	700
750	2 2	2 2	2 1																750
800	3 0	2 0	1 8				2	8	0	2	16	6	3	5	0	4	6	0	800
850	2 8	1 8	2 2																850
900	2 8	2 2	2 2																900
950	2 6	2 3	2 0							3	2	6	3	11	0	4	15	0	950
1000	3 10	1 10	2 2																1000
1050	3 4	2 4	2 4																1050
1100	2 6	2 6	2 1							3	8	6	3	17	0	5	4	0	1100
1150	3 0	2 0	2 2																1150
1200	3 5	2 5	2 5																1200
1250	3 0	2 5	2 0										4	3	0	5	15	0	1250
1300	3 0	2 0	2 5																1300
1350	3 6	2 6	2 6																1350
1400	3 0	2 6	2 2																1400
1450	3 0	2 2	2 6										4	0	0	6	2	0	1450

* STOCK IS KEPT OF ONLY THOSE AGAINST
WHICH * IS PLACED.

As a guide to our customers in what orders to order, we may state that 1 1/2" thickness is mostly in request, and for reasons of DURABILITY's sake (even when the iron is of the best quality) and of which gauge orders will be executed, unless some other gauge stated on orders, 3 1/2" Plate would of course be the most desirable, but the gauge mentioned is that for which there is the greatest demand. We recommend 3 1/2" Plate for 100 Gallons, even when pressure is less than 10 lbs. per square inch. Gauges not kept in stock can be supplied within a few days.

Any of the above can be supplied with bottoms of extra thickness at proportionate extra price.

Tanks can be specially made to stand higher pressure than 10 lbs. if required, but for higher pressure than 10 lbs., Cylindrical Tanks (see pages 144 to 147) are recommended, as they are not generally for a long time, even when under 10 lbs., the Cylindrical is found to be preferable to the Rectangular shape.

India Rubber Composition Ring, 1s. 9d. each extra.

Asbestos Ring, 5s. 6d. each extra.

Screwed Flanges or Boss Plates, 1s. 4d. extra.

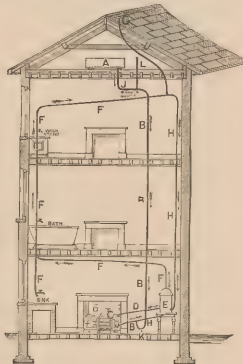
If Bolted Manhole with WOODEN Bridge, 7s. per Tank extra.

If Bridge Manhole with CAST Bridge, 5s. per Tank extra.

For Particulars and Prices of Hewan's Patent Manholes, see page 148.

IMPROVED HOT WATER CIRCULATING CYLINDRICAL TANKS.

Section showing the application of our Cylindrical Tanks for supplying Hot Water to all parts of Building



Copyright reserved. Entered Stationers' Hall
A Galvanized Cold Water Supply Cistern; B Cold Water Supply Pipe to Back Boiler; C Back Boiler; D Flow Pipe from Back Boiler to Cylindrical Tank; E Hot Water Supply Cylindrical Tank; F Flow Pipe from Cylindrical Tank; G Safety or Expansion Pipe; H Return Pipe via Cylindrical Tank and Pipe G, to Back Boiler; I Stop Cock; K Draw off Cock; L Air Pipe.

The section shows the general principle of the arrangement of the Pipes, but, of course, the same may be modified according to circumstances.

Description.

The system in which our Cylindrical Tanks are used is extensively adopted in Great Britain and Ireland and still more largely in America. It is particularly adapted for Baths, &c., in Private Houses and also well suited for supplying Hotels, Hospitals, or any large Building with Hot Water.

The sketch and explanation annexed will prove at a glance its superiority over the old system.

It is safe, simple and of easy arrangement for the supply of water at the highest temperature, and is acknowledged to be the best for the purpose.

Being made of strong Iron or Steel, Galvanized both inside and outside after manufacture, these Cylindrical Tanks will stand considerable pressure, and the shape is most convenient for placing in the corner of a Boiler's Pantry, or nearest room to the Kitchen Range. The proximity to the fire adds to the security, and is a protection against frost, but they can be placed in any other position according to general convenience.

In the use of these Cylindrical Tanks the following advantages are obtained:—

- 1st. Safety against explosion from ordinary causes.
- 2nd. Hotter Water than by the usual system.
- 3rd. The Contents of the Cylindrical Tanks being comparatively small the water becomes sooner heated.
- 4th. All the Hot Water being taken from the top of the Cylindrical Tanks, that which is drawn is necessarily of the highest temperature.
- 5th. If the supply of cold water should fail the fire need not be extinguished for some hours.
- 6th. As the water circulates throughout the Pipes, Hot Water is obtained immediately the tap is opened, whereas by the old method it is necessary to empty the pipes of the cold water which has accumulated therein.
- 7th. Much greater durability, there being less friction in the Cylindrical than in the rectangular shaped, and will resist a much greater pressure than rectangular Tanks of the same thickness of Iron.

Explosion may be prevented by using one of the Patent Safety Valves. It is recommended that one of these be fixed on each the Kitchen Range Boiler and the Hot Water Cylindrical Tank, in case one or the other gets out of working order. For full particulars and prices of these Safety Valves see page 140.

For PRICES, &c., SEE PAGES 145 TO 147.

GALVANIZED IRON AND STEEL HOT WATER CYLINDRICAL TANKS.

DIMENSIONS. (Outside.)		Capaci- ties.	No 16 GAUGE. Tested to 5 lbs. pressure, 20 ft. head of water		No 14 GAUGE. Tested to 15 lbs. pressure, 30 ft. head of water		No 12 GAUGE. Tested to 20 lbs. pressure, 40 ft. head of water		1st PLATE. Tested to 25 lbs. pressure, 50 ft. head of water		2nd PLATE. Tested to 40 lbs. pressure, 80 ft. head of water		DIMENSIONS. (Outside.)	
Diam- eters, (Do. of)	Heights (Do. of)	Gallons	With Manhole at side with In. 1/2 Rubber Comp. Ring		With Manhole at side with In. 1/2 Rubber Comp. Ring		With Manhole at side with In. 1/2 Rubber Comp. Ring		With Manhole at side with In. 1/2 Rubber Comp. Ring		With Manhole at side with In. 1/2 Rubber Comp. Ring		Diam- eters (Do. of)	Heights (Do. of)
			£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		
15	30	20	1 15 0	1 10 *	2 1 6	1 15 6*	2 5 0	1 18 0	2 8 0*	2 1 0	3 3 0	2 15 0	15	30
15	33	21	1 17 6	1 11 6	2 3 6	1 17 6	2 7 6	2 0 6	2 11 0*	2 4 0	3 7 0	2 19 0	15	33
15	36	23	1 19 0	1 13 0	2 5 6	1 19 6	2 10 0	2 3 0	2 14 0*	2 7 0	3 11 0	3 3 0	15	36
15	39	25	2 0 6	1 14 6*	2 7 6	2 1 6*	2 12 6	2 5 6	2 17 0*	2 10 0	3 15 0	3 7 0	15	39
18	30	28	2 1 6	1 15 6	2 8 6	2 2 6	2 13 6	2 7 6	2 18 0*	2 11 0	3 18 0	3 8 0	18	30
18	33	31	2 3 6	1 17 6*	2 11 0	2 5 0*	2 16 6	2 9 6	2 1 6*	2 14 6	4 0 6	3 12 6	18	33
18	36	34	2 5 6	1 19 6	2 13 6	2 7 6*	2 13 6	2 12 6*	2 5 0*	2 15 6	4 5 0	3 17 0	18	36
18	39	37	2 7 6	2 1 6	2 16 0	2 10 0	3 2 6	2 15 6	3 8 6*	3 1 6	4 9 6	4 1 6	18	39
18	42	40	2 9 6	2 3 6	2 18 6	2 12 6*	3 5 6	2 18 6*	3 12 0*	3 5 0	4 14 0	4 6 0	18	42
18	45	42	2 11 6	2 5 6	3 1 0	2 13 0	3 8 6	3 1 6	3 15 6*	3 8 6	4 18 6	4 10 6	18	45
18	48	45	2 13 6	2 7 6	3 3 6	2 17 6*	3 11 6	3 4 6*	3 13 0*	3 12 0	5 3 0	4 15 0	18	48
20	36	42	2 10 0	2 4 0	2 19 0	2 13 0	3 6 0	2 19 0	3 12 6*	3 5 6	4 10 0	4 7 0	20	36
20	39	45	2 12 6	2 6 0	3 2 0	2 16 0	3 9 6	3 2 6	3 16 6*	3 9 6	5 0 0	4 12 0	20	39
20	42	48	2 15 0	2 9 0	3 5 0	2 19 0	3 13 0	3 6 0	4 0 6*	3 13 6	6 5 0	4 17 0	20	42
20	45	50	2 17 6	2 11 6	3 8 0	3 2 0	3 16 6	3 9 6	4 4 6*	3 17 6	6 10 0	5 2 0	20	45
20	48	56	3 0 6	2 14 0	3 11 0	3 5 0	4 0 0	3 13 0	4 8 6*	4 1 6	7 5 0	5 7 0	20	48
22	48	65	3 7 6	3 13 6	4 0 0	3 12 0	4 10 0	4 1 0	5 0 0	4 11 0	8 10 0	6 0 0	22	48
24	48	75	3 15 0	3 7 0	4 9 0	4 1 0	5 0 0	4 11 0	5 11 0	5 2 0	9 5 0	6 15 0	24	48
24	61	100	...	...	...	...	...	...	7 0 0	6 11 0	12 0 0	8 10 0	24	64

* STOCK IS KEPT OF ONLY THOSE AGAINST WHICH * IS PLACED; FOR SIZES AND POSITIONS OF HOLES, &c., SEE PAGE 146.

Bolted Top instead of Side Manhole can be supplied, if desired, at same prices. | If Bridge Manhole with wrought Bridge 7/- per Tank extra.
For particulars and prices of Hewan's Patent Manhole Covers see page 148.

Any of the above Cylindrical Tanks can be supplied with thicker bottoms than the bodies and tops at the following extras:—

DIAMETERS	16 Gauge with 14 Gauge bottom.		14 Gauge with 12 Gauge bottom.		12 Gauge with 10 Gauge bottom.		10 Gauge with 8 Gauge bottom.		8 Gauge with 6 Gauge bottom.		6 Gauge with 4 Gauge bottom.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
15	2 6	2 6	2 6	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0	3 0
18	2 3	2 3	2 9	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3 3
20	2 6	2 6	3 0	3 6	3 6	3 6	3 6	3 6	3 6	3 6	3 6	3 6
22	2 9	2 9	3 3	4 0	4 0	4 0	4 0	4 0	4 0	4 0	4 0	4 0
24	3 0	3 0	3 6	4 6	4 6	4 6	4 6	4 6	4 6	4 6	4 6	4 6

If thicker bottoms than here provided
for are required, they can be
supplied at proportionate extra
prices.

Asbestos instead of India Rubber Composition Rings can be supplied for Manholes or Bolted Tops, if desired, at 3/- each extra.

The above prices include the usual 4 screwed Flanges; if more than 4 required, 1 4 each extra is charged. If a screwed Flange fixed to Cylindrical Tank to receive Safety Valve, a charge of 1 4 extra is made. Cylindrical Tanks with Screwed Flange (fixed) for Safety Valve not kept in stock, but can be supplied within a few days.

VERY STRONG BRASS UNIONS (for either lead or iron piping), of the best quality, specially made for these Cylindrical Tanks:

2-in. at 2 9 each. 1-in. at 3 9 each. 12-in. at 8 3 each.
Bolt Unions (only 2-in. and 1-in. for lead kept in stock) 1-in. 4 6; 1-in. 6; 1-in. 12 each.—Large size Unions supplied, when required at proportionate prices.
In ordering, please state whether for connecting to Iron or Lead Piping. The Flanges and Unions are tapped or screwed to Whitworth's Standard Gas Thread.

GALVANIZED IRON AND STEEL HOT WATER CYLINDRICAL TANKS.

To meet the several requirements of our Customers, we now keep in stock sheets of the Tanks against the prices of which an order should be placed (see page 145). The 18th plate Cylindrical Tanks are also sold with Manholes and sockets for connection, according to all the following illustrations.

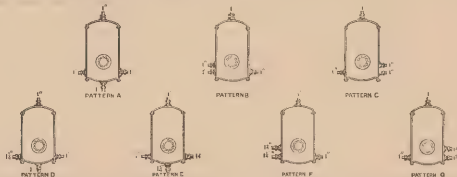
The 12, 14 and 16 gauge Tanks are ordered in pieces of which an order is placed, are stocked with holes for connection, as shown in A, B, C, D, E, F, G, Patterns only, but without Manholes.

If any of the 14th flanges in our stock Cylindrical Tanks wanted to be reduced for say 1/2 inch means, the same can be done and supplied at a cost of 7d. (nint) per socket for the reducing brass sockets, which are kept in stock for this purpose.

Can also be supplied of other gauges and with holes in any other position or with a greater or lesser number and with a variety of save as they be desired, within a few days.

For reasonable durability, even when for less than 25 lbs., nothing less than 18th plate should be used. 16th plate would of course be still more durable, but 18th plate is that for which there is the greatest demand.

Orders will be executed of 18 plate, unless some other gauge stated on orders.



In ordering please state which Pattern required.

When Cylindrical Tanks are ordered different to those kept in stock, please state whether required with or without Manhole. Cylindrical Tanks with Screwed flange (fixed) for Safety Valve **not** kept in stock, but can be supplied within a few days. Cylindrical Tanks are **not** supplied with flange for Safety Valve unless specially ordered.

The flange for Safety Valve is fixed at the front side near top for the No. 1 Top Valve, and on the top of Cylindrical Tank for the No. 2 or No. 2a Valve. See page 140 for Safety Valves.

Cylindrical Tanks should be ordered with a Manhole at side, or with whole of top to take off, as the Galvanizing of the inside of the Cylindrical Tanks cannot be so well done when the top is riveted and with no Manhole at side.

Explosion may be prevented by using one of the Patent Safety Valves. It is recommended that one of these be fixed on both the Kitchen Range Boiler and the Hot Water Cylindrical Tanks, in case one of the other gets out of working order. For full particulars and prices of these Safety Valves see page 140.

BRABY'S BRAZED COPPER HOT WATER CYLINDRICAL TANKS. AS SPECIFIED BY LEADING ARCHITECTS FOR THEIR EXCELLENCE OF QUALITY AND FINISH.

MADE OF
Best Quality COPPER,
WELL PLANISHED.
TINNED INSIDE



Safety
Valve

Also 1 Flange in centre of bottom.

Flanges for Unions can be supplied placed in any other positions as may be required, and also greater or lesser number.

EACH TANK IS TESTED BEFORE LEAVING THE WORKS.

- No. 1 Quality to a pressure of 40 lbs.;
or, = 80 ft. head of water.
No. 2 Quality to a pressure of 20 lbs.;
or, = 50 ft. head of water.
No. 3 Quality to a pressure of 15 lbs.;
or, = 30 ft. head of water.

Without extra charge.

F. B. & Co. can make of special thicknesses, to stand very high pressure, if required.

Our Copper Cylindrical Tanks are not loaded with lead, and are made from stoutest Copper sheets than those that are loaded. Both materials and workmanship are of the very lightest quality, consequently they are superior articles, and can be strongly recommended for durability.

We particularly caution our customers against purchasing cheap (so called) Copper Cylindrical Tanks, causing their reputation to suffer, and ultimate loss of business.

PRICES.

Including 4 extra strong Gun-Metal screwed flanges (of the latest improved pattern) for Unions.

Diameters.	Heights. (To Top of Dome).	Gallons.	No. 1 Quality.	No. 2 Quality.	No. 3 Quality.
Inches.	Inches.	About	£ s. d.	£ s. d.	£ s. d.
15	30	19	4 10 0	3 12 0	2 17 0
15	33	22	4 13 0	3 14 6	2 18 6
15	36	24	4 16 0	3 17 0	3 0 0
15	39	26	4 19 0	3 19 6	3 1 6
18	36	28	6 4 6	4 17 6	3 13 6
18	33	31	6 10 0	5 2 6	3 17 0
18	36	34	6 15 6	5 7 6	4 0 6
18	39	37	7 1 0	5 12 6	4 4 0
18	42	40	7 7 0	5 17 6	4 7 6
18	45	42	7 13 0	6 2 6	4 11 0
20	36	42	7 19 0	6 5 0	4 13 0
20	39	45	8 5 6	6 10 0	4 17 6
20	42	48	8 12 0	6 15 0	5 2 0
20	45	52	8 18 6	7 0 0	5 6 6
20	48	54	9 5 0	7 5 0	5 11 0

The above can be supplied fitted with manholes, if desired, at the following extras:—If with manhole 8 in. x 5 in. in the clear, with brass strengthening ring inside, fitted with $\frac{1}{2}$ in. plate brass cover, $\frac{1}{2}$ in. Gun-metal set screws, and rubber composition ring, complete, 40/- extra. If with handhole Gun-Metal bridge, and cover, 27/- extra.

Owing to the great variety of our Customers' requirements as to position and sizes of holes it is found impracticable to stock these goods, but orders are executed with the greatest promptitude, usually not exceeding 3 days.

Copper Hot Water Presses—See inside of last issue, for a description of Press of a given ton.

Brass Unions—Very strong, specially made, $\frac{1}{2}$ -in. 2/9 each; 1-in. 3/9 each; 1½-in. 8/3 each.

In ordering Unions, please state whether required for connecting to Iron or Lead Piping.

We send Copper Cylindrical Tanks, carefully packed in close cases, to ensure their safety in transit. The cases are returnable to Deptford, London, S.E., and are credited in full, when received back.

Patent Safety Valves, to prevent explosions. The adoption of this is strongly recommended. For particulars and prices see page 146. Supplying and fixing Gun-Metal Screwed Flange to Cylindrical Tank to receive Safety Valve, 8/3.

MANHOLE COVERS.

Manhole Covers.

(HEWEN'S PATENT.)

Tank with Single
Lever Cover.Cylinder with Single
Lever Cover.Tank with Double
Lever Cover.

EXTRA PRICES FOR FITTING TANKS AND CYLINDERS WITH ABOVE
PATENT COVER (INCLUDING RUBBER RING), INSTEAD OF OUR ORDINARY
MANHOLE COVER.

Single Lever Cover, 8 in. diameter (for Tanks or Cylinders)... 7/6 each.
Double " " 10 in. " (for Tanks only) ... 11/3 "

The above is an entirely new and simple method of closing Hot Water circulating tanks and cylinders, and does away with the great difficulty experienced in removing manhole covers fixed with set screws, either for purposes of making connections with, &c., or simply for clearing out purposes or repairs. The covers are packed on underside with an India-rubber composition ring, and the opening or closing of manhole can be performed in two or three minutes with the certainty of securing a sound and lasting joint, the covers having been well tested in actual use under various pressures. They can be confidently recommended.

N.B.—In fixing care should be taken that nothing of an oily or greasy nature comes in contact with the India-Rubber Composition Ring.

RUBBER RINGS.

India-Rubber Composition Rings

GOOD QUALITY, FOR MANHOLES

WELDED BOILERS, HOT WATER TANKS,

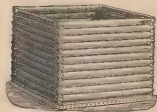
CYLINDERS, &c.

SIZES AND PRICES.

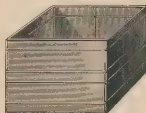
External Diameter.	Internal Diameter.	Thickness.	Price per Dozen.		
Inches.	Inches.	Inches.	£	s.	d.
6	5 1/2	1/4	0	9	0
11	8	1/4	0	16	6
12	10	1/4	0	19	0
15	12	1/4	1	2	6

GALVANIZED CORRUGATED OR FLUTED WROUGHT IRON AND STEEL CISTERNS.

These light Cisterns are not designed to supplant our heavier quality, viz., the WATER tank (more regular) or unfilled Cisterns, but to meet the demand that exists for something cheap and yet at the same time serviceable for the smaller and cheaper class of Houses or other Buildings and purposes. — See Galvanizing Iron Stripped Flanges, made especially to suit the requirements of the Four-gated Cisterns, and with India rubber Washer and Bolt for firing issue, 10¢, each unfired 14 each fired, other sizes of Flanges can be furnished to order.

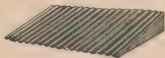
^aCorrugated™ Pattern.

CAPACITIES.	DIMENSIONS.			PRICES		
	Lengths.	Width.	Depths.	for other patterns		
Gallons.	<i>ft.</i>	<i>in</i>	<i>ft.</i>	<i>in</i>	<i>ft.</i>	<i>in</i>
20	2	8	1	3	1	6
25	2	0	1	5	1	3
30	2	6	2	0	1	8
40	2	0	2	3	1	7
50	2	7	2	0	1	0
60	3	0	2	0	1	3
70	3	0	2	0	1	6
80	3	0	2	2	1	9
100	3	0	3	6	2	2



"Fluted" Pattern.

There are 1 in 10 ult., strong round red iron solid welded frame headed over, but can, if preferred, be supplied with angle iron frame at 15 per cent extra.

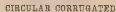


Galvanized Corrugated Iron Cistern Covers.

1st Quality (No. 18 Gauge)						a.	d.	
2nd " "	{	-	30	Gauge}		2	0	per superficial foot.
						1	6	"

These are made to fit any size Cistern, and with an incline to conduct the rain away.

These Covers are not only suitable for above Cisterns, but also for our ordinary Rectangular Cold Water Cisterns.



Galvanized after

DIAMETERS.		HEIGHTS.		GALLONS. (Approximate.)	FRONTS.					
<i>ft.</i>	<i>ins.</i>	<i>ft.</i>	<i>ins.</i>		Without Covers.			With Conical Covers.		
2	0	2	0	53	1	8	6	1	14	6
2	6	3	0	94	1	16	9	2	9	9
2	6	4	0	125	2	6	6	3	12	6
2	6	5	0	156	2	16	3	3	2	3
2	9	2	9	75	1	11	6	1	15	0
2	9	3	0	112	2	2	0	2	9	6
2	9	4	0	150	2	13	6	1	1	0
2	9	5	0	188	3	3	0	3	10	6
3	0	2	0	90	1	16	0	2	5	0
3	0	3	0	126	2	10	0	2	10	0
3	0	4	0	180	3	0	9	3	9	9
3	0	5	0	228	3	17	1	4	4	0

‡ 1 in. Galvanized Iron Screwed Flanges, made specially to suit the Corrugations of these Cisterns, and with India-rubber Washer and Bolts for fixing same kept in stock—104d. each unfixed, 1'4 each fixed: other size Flanges can be supplied to order.

GALVANIZED IRON SANITARY FRESH WATER TANKS.

FOR USE ON BOARD SHIPS, BARGES, &c.



Clean & Healthy.

Non-Absorbent.

COVER HAS A FALL-DOWN HANDLE ON TOP.

These Tanks will be found very much superior to the wooden barrels so much in use, particularly on small craft, as containers of the drinking-water supply. The wooden barrels are very liable to absorb any oil, waste, dirt, or other impurities that may be in their neighbourhood, and thus, sooner or later, contaminate the drinking water. Our Galvanized Iron Tanks being non-absorbent, prevent all such risks of contamination, and keep the water as fresh and pure as when put in. They are supplied, as the illustration shows, with "Chimney" Legs, 6 to 9 inches diameter, according to size of Tank, which are easily removed.

We quote below for a large variety of sizes, but any other size or sizes can be supplied at proportionate prices.

DIMENSIONS AND PRICES.

OUTSIDE DIMENSIONS				No. 16 Gauge, No. 14 Gauge, No. 12 Gauge, 1/8th Plate.				OUTSIDE DIMENSIONS.				No. 10 Gauge, No. 14 Gauge, No. 12 Gauge, 1/8th Plate.			
Gallons.	Length.	Width.	Depth.					Gallons.	Length.	Width.	Depth.				
About	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	About	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
20a	1 6	1 6	1 6					20a	2 2	2 2	2 1				
20b	1 10	1 8	1 8	1 6 6	1 9 0	1 12 0	1 17 0	20b	2 6	2 2	1 8	2 11 0	2 19 0	3 8 0	
20c	2 0	1 8	1 6					20c	2 8	1 8	2 2				
25a	1 7	1 7	1 8					25a	2 5	2 5	2 3				
25b	2 0	1 5	1 6	1 10 0	1 12 6	1 17 0	2 1 6	25b	2 6	2 2	2 0				
25c	2 2	1 10	1 1					25c	2 10	1 10	2 2				
30a	1 10	1 10	1 9					30a	2 4	2 4	2 1				
30b	2 0	2 0	1 3	1 13 6	1 16 6	2 1 0	2 8 6	30b	2 6	2 6	2 1				
30c	2 0	1 6	1 8					30c	2 4	2 2	2 1				
40a	1 10	1 10	1 11					40a	2 5	2 5	2 5				
40b	2 0	2 0	1 7	1 18 0	2 1 0	2 6 6	2 11 0	40b	2 6	2 6	2 0				
40c	2 7	1 6	1 8					40c	2 6	2 2	2 5				
50a	2 0	2 0	2 0					50a	2 8	2 8	2 6				
50b	2 7	2 0	1 7	2 3 6	2 6 0	2 13 0	2 18 0	50b	3 0	2 6	2 9				
50c	2 7	1 7	2 0					50c	3 0	2 2	2 9				

WROUGHT IRON RIVETED CLOSE TOP COLD WATER TANKS.

All our Tanks are
thoroughly tested, being filled with water
and made perfectly watertight
before sent out.



All our Tanks are
thoroughly tested, being filled with water
and made perfectly watertight
before sent out.

Capacity.	Outside Dimensions.			Thickness.	Approximate Weights	PRICES Delivered London.					
Gallons.	Length.	Width.	Depth.	Gauges	Cwts.	Painted Outside and Lime-washed Inside.			Galvanized (Inside and Outside) after manufactured.		
	ft. in.	ft. in.	ft. in.			£	s.	d.	£	s.	d.
50	2 0	2 0	2 0	16	1	1	14	6 ⁰	2	8	0
100	2 7	2 7	2 7	16	1½	2	4	0 ⁰	3	0	0 ⁰
200	3 3	3 3	3 3	15	2	2	14	0 ⁰	4	8	0 ⁰
200	4 0	3 3	3 3	13	2½	3	0	0	5	12	0
200	4 1	2 1	1 1	13	2½	3	0	0	5	12	0
200	4 1	1 1	2 1	13	2½	3	0	0	5	12	0
300	3 8	3 8	3 8	14	3	4	0	0	6	8	0
400	4 1	4 1	4 1	13	3	4	8	0 ⁰	7	0	0 ⁰
400	4 1	1 1	1 1	12	3½	5	0	0 ⁰	8	0	0
400	4 1	1 1	4 1	11	5	5	15	0	8	16	0

* Stock is kept of only those against which * is placed, but any of the others can be supplied within 2 or 3 days after receipt of order.

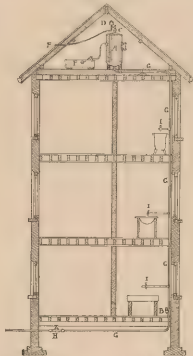
The above prices are for the usual (14 inches diameter) Cast Manhole Cover. If larger Cast Manhole Covers required they can be supplied at the following extras:—

	16	18	24
PAINTED ...	33	4/10	12/-
GALVANIZED ...	58	8/10	21/-
			per Tank.

If the Tanks required with hole prepared for Taps 1/8 extra. Brass Cocks with spanner handles, $\frac{3}{4}$ inch, 4/; 1 inch, 7/8 each.

NEW SYSTEM OF COLD WATER SUPPLY AND STORAGE (Harding's Patent).

Section showing the application of Harding's Patent System for Storing and Supplying Water to all parts of a House.



A Cylindrical Tank for Water Storage. B Retaining Valve. C Float Valve. D Air Valve. E Working Pipe with Plug Valve. F Upper Cistern for Water. G Supply Pipe. H Plug Valve. I Draw off (from Tank or Cistern) Tank A.

"HARDING'S PATENT SYSTEM" is admirably adapted for the constant service. It is simple in action, requiring no attention, one pipe only being required throughout; and is designed to supersede the open cisterns.

Everyone admits the desirability of drawing water direct from the main while it is on; but, in the event of its being shut off, which cannot at times be avoided, the cry of no water at the tap calls for some approved means of storage. To be able to draw water from this store at the same taps when main is shut off, must be a decided advantage, and HARDING'S PATENT SYSTEM is especially recommended for this purpose, having been approved by the New River Company, who have one in action.

The principle of this system is also distinctly recommended by the Royal Commissioners, who in their report say: "the cistern that would satisfy us is merely a local enlargement of the water main."

The Tank, as shown, is of strong galvanized iron in cylindrical form, with self-cleansing bottom and closed top, having a double flange manhole at side, the plate of which is easily removed and replaced.

The Retaining Valve at the foot of the pipe, which retains the store for use, is most simple in action, very durable, and so easily accessible that a new valve can be inserted in three minutes.

The Float Valve, being also durable and accessible, fixed at the top of Tank permits the air to escape freely for filling, floats up when full and closes with the pressure (no ball tap required); on drawing water from the store, the valve will again drop to admit air, every particle of which must pass through the air strainer—thus being purified.

The Air Strainer, which is a special feature in this system, being greatly approved by medical authority, cannot fail to commend itself to all, as by its means all impurities, dusts, germs, &c., existing in the atmosphere are completely excluded.

For PRICES and FURTHER PARTICULARS SEE PAGE 153

NEW SYSTEM OF COLD WATER SUPPLY AND STORAGE (Harding's Patent).

PRICES.

INCLUDING FLOAT VALVE, RETAINING VALVE, AIR STRAINER AND FLAP VALVE.



FLANGES ON CYLINDRICAL TANK

SCREWED FOR $\frac{3}{4}$ IN. CONNECTIONS.

Height. Ins.	Diameter. Ins.	Gallons, about.	Cylindrical Tank, 12 Gauge, Tested to 20 lb.	Cylindrical Tank, 1 Plate, Tested to 25 lb.	Cylindrical Tank, 3/16 Plate, Tested to 40 lb.
30	15	20	£ 8. d. 4 4 0	£ 8. d. 4 7 0	£ 8. d. 5 2 0
33	16	31	5 0 0	5 4 0	6 0 0
42	18	40	5 9 0	5 16 0	6 15 0
48	18	45	5 15 0	6 4 0	7 5 0
45	20	52	6 3 0	6 10 0	7 11 0
48	20	56	6 7 0	6 15 0	8 0 0
48	22	65	6 19 0	7 6 0	8 14 0

We recommend Customers ascertaining PRESSURE FROM MAIN before ordering.

One, two, or any number, can be fixed in one house according to the amount of water desired to be stored in any position, on any level, or one above another, attached to the same run of pipes. Or larger sizes can be supplied. Prices on application.

The *Journal of State Medicine*, May, 1886, page 283, Reports and Analysis, in referring to "HARDING'S PATENT SYSTEM," remarks:—"This system appears to fill a long felt need in rendering it possible for every household to store safely on his premises a sufficient amount of water to tide him over a temporary suspension of the water supply. The apparatus is so simple that one wonders it has not been long ago in use; and, now that it is within the reach of everyone, no house should be considered complete in its fittings without one."

This system will also be found serviceable for the storage of drinking water in Country Mansions, whether filled by pump or run; also for an auxiliary to water supplies where only a small inlet can be obtained, in Parks, Factories, Fire Maids of Large Buildings, Provincial Railway Watering Stations, &c.

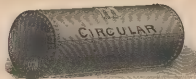
IRON WATER CART AND VAN TANKS.



CART TANK.



VAN TANK



CART TANK.

With Manhole and Hinged Lid.

Capacity. Gallons.				OPEN TOP.				CLOSED TOP, (with manhole and hinged lid).			
				GALVANIZED.		PAINTED.		GALVANIZED.		PAINTED.	
	LENGTHS	WIDTHS	DEPTHS.	14 Gauge.	14th Plate.	12 Gauge.	14th Plate.	14 Gauge.	14th Plate.	12 Gauge.	14th Plate.
about	ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
100	4 3	3 5	1 4	3 0 0 4	3 0 2 11	6 2 18	0 4 5 0	5 18 0	3 1 0	4 0	4 0
125	4 4	3 6	1 6	3 6 0 4	12 0 2 17	3 4 0 1	13 0 7 0	1 0 0 1	11 0		
150	4 6	3 7	1 7	3 12 0 5	1 0 3 2	0 3 11 0 5	1 0 7 0 0	1 7 0 1	7 0 1	18 0	
175	4 8	3 7	1 9	3 19 0 5	1 0 3 8	0 3 17 0 5	3 0 7 11 0	1 13 0 5	5 0		
200	5 0	3 7	1 10	4 5 0 5	19 0 3 11	0 1 4 0 5	17 0 8 2 0	5 17 0 8	2 0 5	1 0 5	12 0
250	5 6	3 9	2 0	5 0 0 6	19 0 4 6	0 4 17 0 5	14 0 9 8 0	5 15 0 6	10 0		
300	5 7	4 1	1 8	5 1 0 0	7 19 0 1	19 0 5 11 0	7 12 0 1	10 0 6	10 0	7 8 0	

7 ft. 3 in. long x 4 ft. 5 in. wide x 2 ft. 3 in. deep.

Body $\frac{1}{4}$ in. Bottom $\frac{3}{16}$ in.

PRICES	...	Galvanized	...	£15 16 0
		Painted	...	£11 2 0

These prices for Van Tanks are for Closed Top with Manholes and Hinged Lids

Capacity. Gallons.			GALVANIZED.		PAINTED.	
	LENGTHS	DIAMETERS	14 Gauge.	14th Plate.	12 Gauge.	14th Plate.
about	ft. in.	ft. in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
100	4 6	2 2	3 10 0	1 17 0	3 0 0	3 8 0
125	4 8	2 4	4 1 0	5 12 0	3 9 0	3 18 0
150	5 0	2 7	4 11 0	6 8 0	3 19 0	4 3 6
175	5 2	2 9	5 2 0	7 0 0	4 8 0	4 19 0
200	5 4	2 10	5 12 0	7 16 0	4 17 0	5 9 0
250	5 6	3 2	6 12 0	9 2 0	5 13 0	6 7 0
300	5 8	3 5	7 12 0	10 10 0	6 10 0	7 6 0

Screwed Flange for Tap supplied and fixed to the above without extra charge. In ordering, please state size of Screw Flange required.
Galvanized Iron Taps with spanner handles for above, 1 in. 7 9; 1½ in. 13 -; 2 in. 20 9; 2½ in. 39 6; 3 in. 58 c each.

Other sizes quoted for on application.

GALVANIZED WATER TANKS AND OIL CISTERNS.

Braby's Improved Self-Cleansing Galvanized Corrugated Iron Rain Water Tanks.

CIRCULAR.

(PATENTED.)

RECTANGULAR.



No. 1.

DIMENSIONS. No. 1.				PRICES.				DIMENSIONS. No. 2.				PRICES.			
Diameters.		Depths.						Lengths.		Widths.						Depths.
ft.	in.	ft.	in.	£	s.	d.	ft.	in.	ft.	in.	ft.	in.	£	s.	d.
2	6	4	0	5	10	0	2	0	2	0	4	0	5	5	0
2	9	4	0	5	17	6	2	3	2	3	4	0	5	12	
3	0	4	0	6	5	0	2	6	2	6	4	0	6	0	0

The Cover has a hole in top 3 inches diameter for the Rain-Water Pipe from Roof to go into, and the above Prices include Overflow Pipe, a Brass Draw-off Tap at side, the Brass Cleaning-out Tap at Bottom, and also strong Galvanized Iron Stand for the Tank.



No. 2.



No. 3.

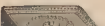
Galvanized Iron Circular Oil Cisterns.

With Indicated Glass Gauge, Guard, Lock and Key, Wood Bottom under the Iron one, Brass Tap, with loose Key, complete. At each seam are Stays round the Cistern, to resist pressure at the sides: the plates are firmly grooved together, and produced from the best materials.

		£	s.	d.			£	s.	d.
10 Gallons...	each	1	15	6	80 Gallons...	each	4	10	0
20 " " " "	"	2	5	0	100 " " " "	"	5	7	0
30 " " " "	"	2	14	6	150 " " " "	"	6	9	6
40 " " " "	"	3	2	0	200 " " " "	"	7	12	0
50 " " " "	"	3	13	11	250 " " " "	"	9	11	0
60 " " " "	"	3	19	0	300 " " " "	"	10	13	0

GALVANIZED IRON OIL TANKS.

RECTANGULAR.

	No. 4		SIZES				SIZES of BL Cocks.			* WITH FIXED COVER.			WITH LOOSE COVER.		
	Gallons	Lengths	Widths	Depths	in.	No. 1 Quality, 1 st Plate.	No. 2 Quality No. 14 Gauge (Recommended.)	No. 3 Quality No. 16 Gauge.	No. 1 Quality, 1 st Plate.	No. 2 Quality No. 14 Gauge (Recommended.)	No. 3 Quality No. 16 Gauge.				
About	ft. in.	ft. in.	ft. in.	in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.					
20	1 3	1 3	2 3	1	2 0 0	1 17 6	1 14 6	1 14 0	1 7 6	1 4 6					
40	1 8	1 8	2 9	2	3 10 0	2 12 6	2 7 6	2 15 0	2 0 0	1 13 0					
50	1 9	1 9	2 10	3	3 17 6	2 18 6	2 12 6	3 1 0	2 4 6	1 11 0					
80	1 10	1 10	4 0	4	5 4 0	4 0 0	3 12 6	4 2 6	3 2 6	2 15 0					
100	2 0	2 0	4 0	5	5 15 0	4 7 6	4 0 0	4 12 6	3 10 0	3 2 6					
200	4 9	2 9	1 3	1	8 15 0	6 15 0	-	7 2 6	5 10 0	-					

ABOVE PRICES INCLUDE SCREWED FLANGE FIXED FOR BRASS COCK.

* With bolted down Wrought Manhole Cover in centre, and a 2-inch filling hole and Brass Screw Plug with Spanner Handle in centre of Cover and Leather Ring to Manhole Cover.

Best Brass Bib Cocks for Water	...	...	...	each	1-in.	4-in.	4-in.	1-in.
Extra best do. do. Oil	...	...	...	"	2/3	3/6	4/0	extra.
				"	4/0	4/9	6/0	"

If Tanks are required to have a different sized cock than stated above they can be supplied, but a few days' notice will be required, as the tanks are kept in stock with the holes prepared for only the sizes of cocks named in the above list.

SQUARE

No. 5	CAPACITIES				OUTSIDE DIMENSIONS.			GAUGES	PRICES
	Gallons	Lengths	Widths	Depths					
	About	ft. in.	ft. in.	ft. in.			No.	£ s. d.	
	20	2 0	2 0	2 0			15	2 8 6	
	100	2 7	2 7	2 7			16	3 0 0	
	200	3 3	3 3	3 3			15	1 10 0	
	300	3 8	3 8	3 8			16	6 7 6	
	1000	4 1	4 1	4 1			18	6 18 0	

With Cast Manhole Cover, 14-in. diameter, and with Filling Plug Hole in Centre.

THE ABOVE PRICES INCLUDE SCREWED FLANGE FOR 1-IN. TAP. EXTRA BEST QUALITY BRASS BIB COCK FOR OIL, 6-

In ordering please state whether Cock is required.

CIRCULAR OIL AND WATER CISTERNS.

Wrought	No. 6.	Iron	LIGHT CIRCULAR GALVANIZED CISTERNS.							
			SIZE				FOR WATER.		FOR OIL	
Galvanized after		Manufactured	Gallons.	Height.	Diameter.	Without Cover	With Loose Conical Cover and Handle	With Fixed Cover, Brass Bung & Key.	Without Cover	
			Approx.	ft.	in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
			20	24	17½	0 11 3	0 14 6	0 15 0	0 12 6	
			30	30	19½	0 15 0	0 18 6	0 19 8	0 16 0	
			40	33	21	0 19 6	1 5 6	1 7 0	1 1 0	
Circular		Cisterns.	50	35	23	1 2 6	1 10 0	1 12 6	1 4 0	
			60	36	25	1 5 0	1 12 6	1 15 0	1 7 6	

Best Brass Bib Cocks for above, to serve (see page 156), with 1 extra for screwed Boss and Fitting to Cisterns. See also Bib Cocks, &c., pages 36C to 38E. The above Cisterns are delivered in London. They are thoroughly tested before leaving the Works, therefore, when delivered to Carriers, our responsibility ceases.

CIRCULAR—STRONG.

No. 7	SIZES.			CIRCULAR—FOR OIL OR COLD WATER.							
				WITH FIXED COVER and fitting hole with Brass Screwed Cap and Key				WITHOUT COVER		Loose Conical Cover, with Handle.	
	Gallons.	Diameters.	Height.	No. 16 Gauge.		No. 18 Gauge.		No. 20 Gauge.		No. 20 Gauge.	
Approx.	ft.	in.	ft.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
5	11	17½	—	0 15 6	0 11 0	—	—	0 12 0	0 10 6	0 1 6	—
10	14	21	—	0 19 0	0 16 6	—	—	0 16 0	0 13 6	0 1 6	—
15	16	22	—	1 2 0	0 18 0	—	—	0 19 0	0 16 6	0 2 3	—
20	18	24	1 11 6	1 5 6	1 1 0	1 2 0	1 7 0	0 19 0	0 16 6	0 2 3	—
30	19½	30	1 16 6	1 11 0	1 7 0	1 7 0	1 7 0	1 3 0	0 19 6	0 2 3	—
40	21	33	2 1 6	1 15 0	1 10 0	1 12 0	1 12 0	1 7 6	1 4 0	0 2 3	—
50	23	35	2 6 6	1 19 6	1 14 6	1 17 0	1 17 0	1 11 0	1 7 0	0 3 0	—
60	25	36	2 18 6	2 4 6	1 19 0	2 3 0	2 3 0	1 16 0	1 10 0	0 3 9	—
80	27	42	3 1 0	2 12 0	2 5 0	2 10 0	2 10 0	2 2 0	1 16 0	0 3 9	—
100	28	48	3 13 0	3 0 0	2 12 6	2 18 0	2 18 0	2 9 0	2 2 6	0 2 9	—

Brass Cocks same price as for Rectangular Tanks (see page 156) with 1 extra for Screwed Boss and Fitting same to Tanks. All Cisterns and Tanks are carefully tested before leaving the Works and we cannot hold ourselves responsible after delivery.

PAINTED TINNED AND TERNE IRON OIL DRUMS OR CASKS.

Drum Shape.



Taper Shape.



GALLONS	DIAMETER.	HEIGHT	DRUMS.				GALLONS	TAPERS			
			PURE TINNED.		TERNE COATED.			PURE TINNED.		TERNE COATED.	
	Inches.	Inches.	s.	d.	s.	d.		s.	d.	s.	d.
1	6 $\frac{1}{2}$	10	1	0	1	3	1	2	5	2	1
1 $\frac{1}{2}$	7 $\frac{1}{4}$	11 $\frac{1}{4}$	2	7	2	1	1 $\frac{1}{2}$	3	3	3	2
2	8	12 $\frac{1}{2}$	2	7	2	1	2	3	3	3	2
2 $\frac{1}{2}$	9	13	3	8	2	8	2 $\frac{1}{2}$	4	8	3	10
3	9	16	3	9	2	8	3	4	8	3	11
4	10	17	4	3	3	1	4	6	6	3	4
5	11	17	4	6	3	3	5	7	3	6	1
6	12	17	5	5	1	2	6	7	5	6	5
7	12	19	6	7	4	10	7	8	1	6	8
8	12	21	7	2	5	5	8	8	8	7	2
9	12	23	7	8	5	9	9	10	6	8	4
10	11	21	8	0	6	1	10	11	3	1	2
12	14	24	10	2	7	6	12	12	5	13	7
14	14	26	12	5	9	7	14	15	10	14	2
16	16	26	15	6	12	2	16	19	3	16	0
18	16	28	17	7	13	9	18	21	7	17	10
20	18	26	19	7	15	10	20	24	2	20	7
25	18	30	24	10	19	2					
30	20	30	29	0	23	8					

If with 4-in. Brass Taps and Plugs fitted 3, 6 each extra. Brass Screw Bungs, 2-in. 1/-; 2 $\frac{1}{2}$ -in. 1/6 each.

GAS ENGINE CISTERNS.

Galvanized Iron Circular Gas Engine Cisterns.

These Cisterns are Galvanized after manufacture and are, therefore, much more durable than those made from GALVANIZED SHEETS, which latter soon rust where the sheets meet and overlap.



WITH INSIDE POCKET.

DIPPING CISTERNS.

Galvanized Iron "Dipping" Cisterns.

For Builders' use during building operations, also for Stables, &c.

AS APPROVED BY THE NEW RIVER COMPANY.

WITH BALL COCK.



PRICES, EACH.

Swaged as shown in illustration, wired top and hooped feet.

DIAMETERS.	HEIGHTS.	20 GAUGE			18 GAUGE			16 GAUGE			14 GAUGE		
		£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
15	36	0	16	6	0	19	0	1	3	6	1	16	0
18	42	1	2	0	1	6	0	1	12	0	2	9	6
24	54	1	12	6	1	17	6	2	5	6	3	9	0
27	63	1	19	0	2	7	0	2	16	6	4	2	6
30	66	—	—	—	2	14	0	3	9	0	5	2	0
36	72	—	—	—	3	9	0	4	7	0	6	12	0

PRICES, EACH.

GALLONS (about).	DIMENSIONS.				PRICES				
	Lengths.		Widths.		Depths.				
	ft.	in.	ft.	in.	ft.	in.	£	s.	d.
50	2	7	1	0	2	0	5	13	6
100	3	0	2	2	2	6	6	12	0
150	3	6	2	7	2	8	7	15	0
200	3	9	2	11	2	11	9	9	0

Makers of Acetylene Galvanized Iron Gasometers, &c., for Acetylene Gas Apparatus.

WROUGHT AND CAST IRON SUPPLY CISTERNS.

Wrought Iron.



GALVANIZED AFTER MANUFACTURED.

No.	Gallons.	Lengths.	Widths.	Depths.	Prices for Galvanized.			
					No. 1 QUALITY. (Recommended.)		No. 2 QUALITY	
					Without Covers.	With Covers.	Without Covers.	With Covers.
					s. d.	s. d.	s. d.	s. d.
1	2	1 0	0 6	9	3 9	4 6	3 9	3 3
2	3	1 0	0 6	1 6	4 3	5 0	3 0	3 6
3	4	1 3	0 6	1 0	5 3	6 0	3 6	4 0
4	5	1 6	0 7	1 1	6 3	7 3	4 3	5 0
5	6	1 6	0 8	1 0	6 9	7 9	5 0	5 3
6	6½	1 4	0 10	1 0	7 0	8 0	5 6	6 2
7	8	1 6	0 11	1 0	8 0	9 3	6 3	7 3
8	11½	1 6	1 0	1 3	9 0	10 3	7 0	8 0
9	12	2 0	1 0	1 0	10 6	12 0	8 6	9 9
10	15	2 6	1 0	1 0	12 0	13 6	9 6	10 9
11	20	1 8	1 3	1 7	13 6	15 0	11 0	12 3
12	20	2 0	1 0	1 8	13 6	15 0	11 0	12 3
13	20	2 0	1 8	1 6	13 6	15 0	11 0	12 3
14	20	2 2	1 0	1 0	15 0	17 0	13 0	14 0

The galvanized wrought iron are now very generally adopted, being cheaper than even ungalvanized cast iron, and being galvanized there is no risk in the water; no risk of leakage from rust or otherwise, and connections more easily made to these wrought than to the cast iron. Can, if required, be made of dimensions for the first one inside the other, for convenience of shipping and stocking.

SIZES AND PRICES

Cast Iron Supply Cisterns.



BLACK AND GALVANIZED.

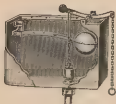
No.	OUTSIDE DIMENSIONS.			PRICES	
	Length.	Width.	Depth.	Black each.	Galvanized each.
	Inches.	Inches.	Inches.	s. d.	s. d.
1	11½	3½	9½	3 9	7 0
2	12	6½	10	6 0	9 0
3	15	6½	12	7 6	12 0
4	18	6½	12	8	15 0

FOR CAST IRON WATER WASTE PREVENTIVE CISTERNS, SEE PAGES 164 AND 165.

FOR WROUGHT AND CAST IRON KITCHEN SINKS, SEE PAGE 168.

GALVANIZED WROUGHT IRON WATER WASTE PREVENTIVE CISTERNS.

THE "SURREY" WATER WASTE PREVENTERS.



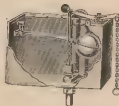
No 1

SIZE OF CISTERN—

18 in. x 6 in. x 12 in.

THICKNESS OF CISTERN—

18 B. W. G.



No 3.

Strongly recommended by several Water Companies and used by the Corporation of Croydon.

DESCRIPTION AND PRICES.

		£	s.	d.
No. 1.	TWO GALLON FLUSH GALVANIZED WROUGHT CISTERN, BRASS INSIDE FITTINGS, IRON PULL LEVER...	each	0	15 0
No. 2	SAME AS NO. 1, BUT WITH SERVICE BOX FOR AFTER FLUSH, SUITABLE FOR P. C. CONTAINER CLOSETS		0	18 9
No. 3.	SAME AS NO. 1, BUT WITH 1½ INCH SYLPHON VALVE		1	3 0
No. 3a.	SAME AS NO. 3, BUT 2½ GALLON FLUSH ...		1	4 6
No. 3b.	SAME AS NO. 3, BUT 3 GALLON FLUSH ...		1	5 0

FOR CAST IRON WATER WASTE PREVENTIVE CISTERNS, SEE PAGES 164 AND 165.

GALVANIZED IRON IMPROVED WATER WASTE PREVENTIVE CISTERNS.

"CROYDON" PATTERN.



With Brass Inlet, Copper Ball, Brass Valve and Outlet, Iron Lever,

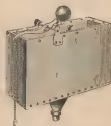
Chain, Overflow Pipe, &c., Fitted Complete.

Size 1-ft. 3-in. long x 6-in. wide x 1-ft. deep.

Price 18/- Inclusive.

3 GALLON FLUSH.

GALVANIZED AFTER MANUFACTURED.



THE "TORRENT" WATER WASTE PREVENTIVE CISTERN.



GALVANIZED AFTER MANUFACTURED.

PERFECT AND RAPID FLUSH.

With Lead Cylinder and Pipe, Copper Ball, Brass Inlet and Outlet, Chain, &c., Fitted Complete.

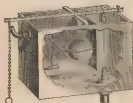
Size 1-ft. 3-in. long x 7-in. wide x 1-ft. deep.

Price 20 - Inclusive.

NO VALVES. NO RUBBERS.
3 GALLON FLUSH.

These Cisterns being made of Wrought Iron, fracture by frost is prevented, and being galvanized after manufactured they will not rust.
FOR CAST IRON WATER WASTE PREVENTERS, SEE PAGES 164 AND 165.

GALVANIZED WROUGHT IRON WATER WASTE PREVENTIVE & SUPPLY CISTERNS.



No. 14.

2 GALLON FLUSH.

- | | | |
|-------------|---|----|
| No. 14 (A). | Double Valve Cistern, without after flush | 9 |
| " 14 (B). | " " " with " " | 14 |

Size of Cistern, 15 in. x 7 in. x 11 in. deep.



No 15.

WITH 1 1/2 IN. VALVE. 1 1/2 GALLON FLUSH.

It is placed inside tank and fixed. On chain being pulled it empties its contents, and on chain being let go the small valve at side opens, and the Water Waste Preventer is thus re-filled.

Pries 10 6.



No. 16

2 GALLON FLUSH.

- | | | |
|-------------|------------------------------------|-----|
| No. 16 (A). | Single Valve Cistern. Best quality | 8/- |
| " 16 (B). | " " " Common | 7/- |

Size of Cistern, 12 1/2 in. x 6 in. x 11 in. deep.



No 17

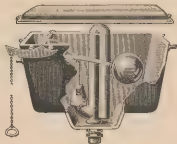
- | | |
|--|-----|
| Boiler Supply Cisterns, fitted with Ball Valve and Lid | 5 6 |
|--|-----|

Size of Cistern, 13 in. x 6 in. x 11 in. deep.

FOR CAST IRON WATER WASTE PREVENTIVE CISTERNS, SEE PAGES 164 AND 165.

WATER WASTE PREVENTING CISTERNS.

THE "SUCCESS." (PATENT)

Outlet $1\frac{1}{2}$ inch.

(WELL BOTTOM. PAINTED CAST IRON)

2 Gallons, Outside Dim. 19 in. long \times 8 in. wide across top \times 13 in. deep.3 do. " " 19 " \times 10 " " " \times 13 $\frac{1}{2}$ "

PRICES.

2 Gallons	...	High Pressure	...	15/- each.
2 do.	...	Low do.	...	13/9 "
3 do.	...	High do.	...	16/6 "
3 do.	...	Low do.	...	18/6 "

STRONG CAST IRON WITH COVER AND CHAIN COMPLETE.

QUICK AND EFFECTIVE.

THE "TRIDENT." (PATENT)

Outlet $1\frac{1}{2}$ inch.

(PAINTED CAST IRON.)

2 Gals. Outside Dim. about 18 in. long \times 7 $\frac{1}{2}$ in. wide across top \times 9 in. deep.3 do. " " 19 " \times 10 " " " \times 11 "

PRICES.

2 Gallons	...	High Pressure	...	15/6 each.
2 do.	...	Low do.	...	16/6 "
3 do.	...	High do.	...	17/6 "
3 do.	...	Low do.	...	19/6 "

STRONG CAST IRON WITH COVER AND CHAIN COMPLETE.

ACTS QUICKLY AND SMOOTHLY.

(In fixing this Cistern the Down Pipe must not be Trapped.)

ALL CISTERNS FITTED WITH SILENT BALL VALVES AT 2/3 PER CISTERN EXTRA, IF DESIRED.

WATER WASTE PREVENTING CISTERNS, &c.

The "NEPTUNE."

Outlet $1\frac{1}{2}$ inch.

PASSED BY THE NEW RIVER COMPANY.

Is Simple, Effective and Cheap.

FITTED WITH GRANT'S PATENT VALVE.

PRICES.

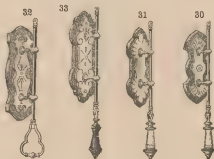
			Stamped.	Unstamped.
2 Gallon	...	...	23 6	22/- each.
8 "	...	...	—	23 6 "

STRONG CAST IRON, PAINTED, WITH COVER AND CHAIN COMPLETE.

(Can be fitted with low pressure valves if desired).

NOTE.—THE 2 GALLON PATTERN IS NOT QUITE LIKE THE ABOVE DRAWING, HAVING NO WELL.

BRASS CISTERN PULLS.



	No. 32	33	31	30
With Wood Block ...	72/-	84/-	96/-	117/- per dozen.
Without Wood Block ...	54/-	66/-	75/-	96/- "

ORDINARY CHINA PULLS with 2 ft. 6 in. Brass Chain and Rings 12/- per doz.

CAST IRON BRACKETS—Painted.



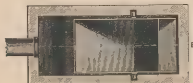
FOR FIXING

CISTERNS.

PRICES—2 Galls. ... 9/- per doz. 3 Galls. ... 14/- per doz.

OTHER PATTERNS CAN BE SUPPLIED QUICKLY TO ORDER IF DESIRED.

KIMPTON'S PATENT AUTOMATIC TIP-OVER FLUSHING TANK.



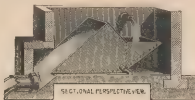
PLAN

REFERENCE TO SECTION A.B.

- (A) Supply Pipe. This may be a rain-water, sink or other pipe.
 (B) Principal flushing chamber.
 (C) Small or after-flush chamber.
 (D) 4 in. flow-work in cement.
 (E) Stone or concrete slab.
 (F) Drain pipe.
 (G) Portland cement bottom. Cement should be carried up walls of chamber about 9 inches all round.
 (H) Concrete bottom.



SECTION A.B.



SECTIONAL PERSPECTIVE VIEW.

X
BACK VIEW OF TANK AND BEARINGS.

DETAIL OF BEARING AT X



FRONT VIEW OF BEARING.

N.B.—If Chamber in which Tank is fixed is NOT MADE AIR-TIGHT, it is recommended that a SYRISON head should be fixed near outlet, so as to prevent Foul Air passing from Drain through Chamber into outer atmosphere.

FOR FULL PARTICULARS AND PRICES SEE OPPOSITE PAGE.

KITCHEN SINKS AND FEEDING PANS.

Cast Iron Sanitary Kitchen Sink.

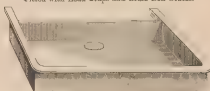
Improved, with Trap.



	in.	in.	in.		in.	in.	in.		in.	in.	in.					
BLACK	24	18	4	...	6/9	30	18	4	...	8/6	36	18	4	...	10/6	each.
GALVD.	"	"	"	...	10/6	"	"	"	...	13/6	"	"	"	...	16/6	"

Galvanized Wrought Iron Kitchen Sink.

Fitted with Lead Trap and Brass Bell Grates.



No.	Length.	Width	Depth	No. 1 Quality.		No. 2 Quality.	
	Ft.	In.	Ft.	In.	£ s. d.	£ s. d.	£ s. d.
1	2	1	6	4	0 19 0	0 14 0	
2	2	6	1	6	1 1 0	0 15 6	
3	3	0	1	6	1 8 0	0 17 0	
4	3	6	1	8	1 7 0	1 0 0	
5	4	0	1	8	1 10 0	1 2 0	

SELF-RIGHTING FEEDING PANS.

(PAGE & GIBLING'S PATENT.)

FOR USE ON MARSHES.



FOR FEEDING BULLOCKS, SHEEP, &c.

Size of Pan—18 inches diameter at top by 9 inches deep inside.

Advantages:

Cannot be overturned, hence no waste of Food.

The bottom being made of a heavy material, and the top lighter, ensures the pan always adjusting itself to an upright position and if tipped on one side will, when released, immediately resume that position.

Portability.

Thirty or forty can be carried by placing them inside each other, in any light vehicle.

PRICES—Painted Bottom and Galvanized Body .. 83 each.

No Grass Spoiled.

These pans can be moved a short distance by any lad at each time of filling, thus preventing any grass being spoiled, which is always the case where five or six beasts feed from one bin.

Equal Distribution of Food.

The smaller or weaker animal gets his proper complement of Food as well as the stronger.

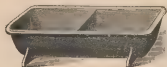
Indestructible.

Being made entirely of iron, they are practically indestructible.

Galvanized all over ... 79 each.

POULTRY AND DOG TROUGHS.

Galvanized Cast Iron Dog and Poultry Troughs.



Dog Trough.

Lengths. Inches.		Breadths. Inches.		Depths. Inches.		Prices per doz.		
						£	s.	d.
15	...	8	...	4	...	1	19	0
18	...	6	...	4	...	2	8	0



No. 1.



No. 2.

Poultry Troughs.

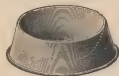
No.	Lengths. Inches.	Breadths. Inches.	Prices per doz. £ s. d.
1	12	5	1 4 0
2	12	5	1 7 0
2	18	5	1 16 0
2	24	5	2 8 6

Wrought Iron Poultry and Dog Trough.
GALVANIZED.

No. 9

Lengths	12-in.	15-in.	18-in.	21-in.	24-in.	30-in.	36-in.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Half-round per doz. ...	15 0	18 0	21 0	24 0	27 0	33 0	39 0
Elliptical ..	18 0	21 0	24 0	27 0	30 0	36 0	42 0

Galvanized Stamped Steel Dog and Poultry Troughs.



No. 12.

Capacity :

Nearly One Quart

Cannot be Broken.

Without Seam.

Cannot be Upset.

Without Corners.

(GALVANIZED AFTER MANUFACTURED.)

PRICE ... 10s. 6d. per dozen.

GALVANIZED WROUGHT IRON TROUGHS.

Sheep Troughs (Galvanized after Manufactured).

THE "DEPTFORD" PATTERN



This is a second quality Trough compared to our celebrated "Victoria" pattern, page 171.

The "Victoria" pattern is recommended. The "Deptford" pattern we make only in 8 ft. and 9 ft. lengths.

These Troughs can be supplied with top bead outward instead of inward, if preferred, at same prices.

DESCRIPTION.

	LENGTHS	
	8 ft.	9 ft.
	£ s. d.	£ s. d.
No. 1, without Top Rail and without Wheels, but with Feet ...	0 17 6	0 18 6
No. 2, without Top Rail and with one pair of Wheels and Foot ...	1 0 0	1 1 0
No. 3, with Top Rail, and without Wheels, but with Feet ...	0 18 6	0 19 9
No. 4, with Top Rail, and with one pair of Wheels and Foot...	1 1 0	1 2 6

If with two pairs of wheels instead of one pair, 2/6 per trough extra.

Galvanized Wrought Iron Lamb Trough.

No. 13.



3-ft. long, 9-in. wide, 6-in. deep ... 10 - each.

The above is a light useful Trough for Lambs, in much demand.

Galvanized Wrought Iron Dog Trough.

No. 10.



10-in. ... 21 "per dozen.

12-in. ... 24 "per dozen.

WROUGHT IRON SHEEP TROUGHS.

The Celebrated Wrought Iron Sheep Troughs—Galvanized all over.

The "VICTORIA" Pattern.

Diameter of
Wheels, 8½-in.Tyres,
2-in. Broad.

Body made of Strong 20 gauge

SUITABLE FOR ROOTS, CORN, CHAFF, OR WATER.

Easily moved from place to place; VERY CHEAP; and meets with UNIVERSAL APPROBATION.

PRICES.

DESCRIPTION.	Lengths	6-ft.	7-ft.	8-ft.	9 ft.	10-ft.	12-ft
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
No. 1, without Top Rail, and without Wheels, but with Feet	}	1 1 0	1 2 0	1 3 0	1 5 6	1 10 6	2 0 0
No. 2, without Top Rail, and with one pair of Wheels and Feet		1 4 0	1 5 0	1 6 0	1 8 0	1 12 6	2 3 0
No. 3, with Top Rail, and without Wheels, but with Feet	}	1 5 0	1 6 0	1 7 0	1 9 0	1 14 6	2 1 6
No. 4, with Top Rail, and with one pair of Wheels and Feet		1 7 6	1 8 6	1 9 6	1 11 6	1 17 0	2 7 6
If back of Trough filled in with Strong Galvanized Sheet Iron to top Rail	extra	0 4 6	0 5 3	0 6 0	0 6 9	0 7 6	0 9 0

If with two pairs of Wheels instead of one pair, 2 6 per Trough extra.

These Troughs are confidently recommended as being the best and Cheapest in the Market, being entirely Galvanized all over (including the frame work) after they are made, they do not rust, or require painting and re-painting; they are also, for the same reason, much stronger than those which are not entirely Galvanized. Large numbers are now in use in various parts of the Kingdom. While the Manufacture has been improved, the Prices are Reduced, thus commanding a large Sale. Buyers are cautioned against buying cheap, light troughs, the bodies of which are made of very thin sheet iron which does not last long, and therefore practically makes the so-called cheap troughs really very expensive. Buyers are also cautioned against purchasing Troughs that are called galvanized, of which only the body is galvanized, and this is made from galvanized sheet iron and not galvanized after made, therefore is an inferior article.

WROUGHT IRON CATTLE TROUGHS.

Improved make with Handle at each end, Stay, and Improved Safety Lip or Edge at top.



IMPROVED SAFETY LIP

No. 6.

The 5ft. to 8ft. have a cross stay ; the 9ft. and 10ft. have 2 cross stays ; and the 12ft. 3 cross stays.

Dimensions.			16 Gauge.			14 Gauge.			1/8th Plate.		
Lengths.	Widths.	Depths.	Galvanized.			Galvanized.			Painted.		
ft. in.	ft. in.	ft. in.	£	s.	d.	£	s.	d.	£	s.	d.
3 0	1 6	1 1	1 6	0	0	1 8	0	0	1 13	6	6
4 0	"	"	1 11	0	0	1 18	6	0	2 2	0	0
5 0	"	"	1 16	0	0	1 19	0	0	2 10	8	0
6 0	"	"	2 1	0	0	2 4	8	0	2 19	0	0
7 0	"	"	2 10	0	0	2 10	0	0	3 7	6	0
8 0	"	"	2 11	0	0	2 16	6	0	3 16	0	0
9 0	"	"	2 16	0	0	3 1	0	0	4 4	0	0
3 0	1 6	1 4	1 8	6	0	1 11	0	0	1 17	6	0
4 0	"	"	1 14	0	0	1 17	0	0	2 6	0	0
5 0	"	"	1 19	6	0	2 8	0	0	2 14	6	0
6 0	"	"	2 5	0	0	2 9	0	0	3 0	0	0
7 0	"	"	2 10	6	0	2 15	0	0	3 11	6	0
8 0	"	"	2 16	0	0	3 1	0	0	4 0	0	0
9 0	"	"	3 1	6	0	3 7	0	0	4 8	6	0
10 0	"	"	3 7	0	0	3 18	0	0	4 17	0	0
12 0	"	"	3 7	0	0	4 5	0	0	5 14	0	0

* These are kept in stock ; other sizes and gauges can be supplied within a few days from receipt of order.

EXTRAS.

If fitted with Plug and Chain	46 each.
Fitted with Service Box (for Ball Cock) at one end—for the 1ft. 1in. deep Troughs	113 "
ditto ditto	128 "
If mounted on 4 Strong Wheels—for the 1ft. 6in. wide Troughs	138 per Trough extra

WROUGHT IRON CATTLE TROUGHS.

Improved make with Handle at each end, Stay, and Improved Safety Lip or edge at top.



No 6

The 3ft. to 8ft. have a cross stay; the 9ft. and 10ft. have 2 cross stays; and the 12ft. 3 cross stays.

FULL SIZED SECTION OF



IMPROVED SAFETY LIP.

Dimensions.			16 Gauge.			14 Gauge.			1/8th Plate.		
Lengths.	Widths.	Depths.	Galvanized.			Galvanized.			Galvanized.		
ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
3 0	2 0	1 8	2 1 0	2 4 0	1 15 0	2 1 0	2 4 0	1 15 0	2 14 6	2 2 6	2 11 0
4 0	"	"	2 9 6	2 13 0	2 9 0	2 2 0	2 5 0	1 16 0	3 6 0	2 11 0	2 10 6
5 0	"	"	2 17 0	3 2 0	2 9 0	2 16 0*	3 0 0	1 16 0	4 9 0	3 8 0	3 16 6
6 0	"	"	3 5 0*	3 11 0*	3 3 0*	3 10 0*	3 17 0	1 16 0	5 12 0	4 5 0	4 13 6
7 0	"	"	3 13 0*	4 0 0*	4 9 0*	4 18 0	4 4 0	1 16 0	6 3 6	5 2 0	5 19 0
8 0	"	"	4 1 0*	4 9 0	5 7 0	4 18 0	5 14 6	1 16 0	7 18 0	6 8 0	6 18 0
9 0	"	"	4 9 0	4 18 0	5 7 0	5 10 0	6 0 0	1 16 0	8 19 6	7 12 6	8 18 0
10 0	"	"	4 17 0	5 7 0	6 5 0	6 0 0	6 14 6	1 16 0	9 19 6	8 18 0	9 18 0
12 0	"	"	5 13 0	6 5 0	7 0 0	7 0 0	7 14 6	1 16 0	10 19 6	9 18 0	10 18 0
3 0	2 6	2 6	2 5 6	2 10 0	1 15 0	2 6 6	2 15 0	1 16 0	3 14 6	2 18 0	2 18 0
4 0	"	"	2 14 6	3 0 0	2 6 6	3 10 0	3 6 6	1 16 0	4 7 6	3 8 0	3 18 0
5 0	"	"	3 3 6	3 10 0	3 6 6	4 0 0	4 10 0	1 16 0	5 0 6	4 8 0	4 18 0
6 0	"	"	3 12 6	4 0 0	4 10 0	4 0 0	5 0 0	1 16 0	6 6 6	5 8 0	5 18 0
7 0	"	"	4 1 6	4 10 0	5 0 0	4 9 0	5 10 0	1 16 0	7 12 6	6 18 0	7 18 0
8 0	"	"	4 10 6	5 0 0	5 10 0	5 10 0	6 0 0	1 16 0	8 19 6	7 18 0	8 18 0
9 0	"	"	4 19 6	5 10 0	6 0 0	6 0 0	7 0 0	1 16 0	9 19 6	8 18 0	9 18 0
10 0	"	"	5 8 6	6 0 0	7 0 0	7 0 0	8 0 0	1 16 0	10 19 6	9 18 0	10 18 0
12 0	"	"	6 6 6	7 0 0	8 0 0	8 0 0	9 0 0	1 16 0	12 19 6	11 18 0	12 18 0

* These are kept in stock; other sizes and gauges can be supplied within a few days from receipt of order.

EXTRAS.

If fitted with Plug and Chain	...	...	...	...	4/6 each.
Fitted with Service Box (for Ball Cock) at one end—for the 1ft. 6in. deep Troughs	...	...	...	...	17/-
Ditto ditto ditto	...	...	...	...	18/3
If mounted on 4 Strong Wheels—For the 2ft. 0in. wide Troughs	...	...	...	...	21/- per Trough extra.

CATTLE TROUGHS.

Wrought Iron Cattle Trough. No. 7.

With Round Bottom and with Improved Safety Lip or Edge at Top



Strong, with Handle at each end.

PRICES—EACH.

Lengths	Widths	Heights	Galvanized.		Painted.	
Feet.	Feet.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
5	2	1 1/2	72	5 15 0	8 10 0	10 0
6	2	1 1/2	87	4 7 6	8 10 0	10 0
7	2	1 1/2	101	5 0 0	4 0 0	10 0
8	2	1 1/2	116	5 12 6	4 10 0	10 0
9	2	1 1/2	130	6 0 0	5 0 0	10 0

GALVANIZED AFTER MANUFACTURED.

Cattle Trough. No. 14.

(ON THREE WHEELS.)



The Body is 5 ft. long, 2 ft. 8 in. wide, 1 ft. 4 in. deep.

This Trough is on Three Wheels, for convenience of shifting to different parts on pasture for Cattle, or to pump water from to supply Threshing Engines.

The above is very strongly made, and is altogether a very superior article.

PRICES: £ s. d.

All Galvanized, except Wheels... each 6 4 0

Painted " 4 18 0

Galvanized Corrugated Wrought Iron Cattle Troughs. No. 16.



If fitted with Plug and Chain, 4s. 6d. each extra.

These Troughs, which, being light, are easily moved, are not designed to supersede our heavier quality, viz. —the usual flat (uncorrugated) trough, but to meet the demand that exists for something cheap and yet at the same time serviceable.

GALVANIZED AFTER MANUFACTURED.

PRICES—EACH.

Lengths		Widths		Depths		PRICES.		
ft.	in.	ft.	in.	ft.	in.	£	s.	d.
3	0	1	6	1	4	1	3	0
4	0	1	6	1	4	1	3	0
5	0	1	6	1	4	1	15	0
6	0	1	4	1	4	2	2	0

PIG AND RABBIT TROUGHS.

Pig Trough.



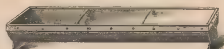
No 15.

These Troughs are made of Strong Sheet Iron, with Stamped Ends of Plate Iron, and are Galvanized after Manufacture. They are Light, yet Strong, and will be found more portable than the ordinary Cast Iron Pig Trough, and, at the same time, no risk of being broken.

PRICES—EACH.

Lengths	8-in wide x 5-in deep		10-in wide x 5½-in deep		12-in wide x 6½-in deep	
Feet.	s.	d.	s.	d.	s.	d.
2	7	6	8	6	9	9
4	8	6	9	6	10	9
5	9	6	10	6	12	6
6	10	9	11	9	13	1
7	11	9	12	9	14	3
8	12	9	13	9	15	3
9	13	9	14	9	16	6

Semi-Circular Pig Trough.



No 5.

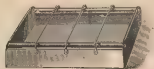
Galvanized Wrought Plate Iron. Very Strong.

With Strong Safe Edge at Top and Stayed.

PRICES—EACH.

Lengths	10-in wide by 5-in deep.			12-in wide by 6½-in deep		
Feet.	s.	d.	d.	s.	d.	d.
2	0	11	6	0	12	6
2½	1	13	6	0	14	6
3	0	15	6	0	16	6
3½	1	17	6	0	18	6
4	0	19	6	1	0	6
4½	1	1	6	1	3	6
5	1	3	6	1	5	6
6	1	7	0	1	9	6

New Rabbit Trough (FLETCHER'S PATENT).



DIMENSIONS.—12 Inches Long, 6 Inches Wide,
1½ Inches Deep at sides, 2½ Inches deep over all.

The advantages of this patent Trough will readily be seen and acknowledged. It is well known that Rabbits waste a great deal of food by scratching it out of their feeding troughs, but by this patent they are effectually prevented from so doing, as, the moment they begin to scratch the rollers revolve. In the same way the upsetting of the trough is prevented.

PRICE 26 each.

GALVANIZED WROUGHT IRON MANGERS.

GLANDERS !

GALVANIZED IRON SANITARY MANGERS.

Clean.

Healthy.

Non-Absorbent.

These Mangers and Frames are now being generally adopted to reduce the risk of Glanders and other diseases being conveyed to Horses through the use of absorbent Wooden Mangers and frames.



These Mangers are especially designed WITHOUT ANY sharp corners, being well rounded at bottom, sides and ends, so as to admit of perfect and easy cleansing to ensure safety against GLANDERS.

This illustration shows our Perfect Sanitary Mangers (Registered) fixed in Iron Framework as made and supplied by us.

PRICE—including Manger (2 ft. 10 in. x 1 ft. 2 in. x 1 ft. 3 in. deep), Framework, Stays and Rises ; complete ready for fixing :

				£	s.	d.	
Ditto	ditto	ditto	ditto	2	10	0	per Stall 5 ft. 0 in. wide.
Ditto	ditto	ditto	ditto	2	13	0	" 5 ft. 6 in. "
Ditto	ditto	ditto	ditto	2	18	0	" 6 ft. 0 in. "

If with Protection Plates, either hinged or fixed at each end of the Manger to prevent the feed being tossed out by some Horses, 13 per stall extra.

WE CAN QUOTE FOR FIXING IF DESIRED.

FOR PRICES OF MANGERS ONLY, SEE PAGE 177 (OPPOSITE).

GALVANIZED WROUGHT IRON MANGERS.

"PERFECT" SANITARY MANGERS (Registered).

Made of Strong Wrought Iron, and Wrought Angle Iron Framed round the top, and Galvanized after Manufacture.

SEAMS STRONGLY AND SMOOTHLY RIVETTED.

These Mangers are especially designed WITHOUT ANY Sharp corners, being well rounded at bottom, sides and ends, so as to admit of PERFECT and easy cleansing to ensure safety against GLANDERS.

Adopted by the London General Omnibus Co., Tramway, and other large Companies and Firms



SECTION



No. 10. CORNER MANGER.

Numbers.	Inside Dimensions.						PRICES Each.	
	Lengths.		Widths.		Depths.			
	ft.	ins.	ft.	ins.	ft.	ins.	s.	d.
9	2	6	1	1	1	1	14	0
11	2	10	1	1	1	1	15	0
12	2	10	1	2	1	3	18	9

Inside Dimensions.						PRICE Each.	
Length.		Width at centre		Depth at front			
ft.	in.	ft.	in.	ft.	in.	s.	d.
2	0 1/2	1	6	1	1	15	0

If with Protection Plates, either hinged or fixed at each end of the Manger to prevent the food being tossed out by some Horses, 1/3 per manger extra.

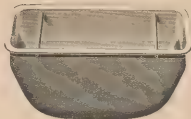
GALVANIZED WROUGHT IRON MANGERS.

"Perfect" Sanitary Manger.

(REGISTERED)

— NEW PATTERN. —

STRONG
WELDED
ANGLE IRON
FRAME AT
TOP



No. 13

This Manger is especially designed without any sharp corners, so as to admit of PERFECT and easy cleansing to ensure safety against GLANDERS. It is, as will be seen by the illustration, straight at ends, about 4 inches down under the Angle Iron Frame, in order to ensure its retaining its position in the Manger Frame and, therefore, the Horse not able to lift it up.

DIMENSIONS.

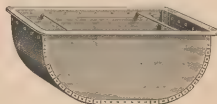
2 ft. 10 in. long \times 1 ft. 2 in. wide \times 1 ft. 3 in. deep.

PRICE

19 6 each.

If with Protection Plates, either hinged or fixed at each end of the Manger to prevent the food being tossed out by some Horses, 1 3 per Manger extra.

The "Favourite."



No. 8.

INSIDE DIMENSIONS.

2 ft. 9½ in. long \times 1 ft. 1½ in. wide \times 1 ft. 2 in. deep at Centre.

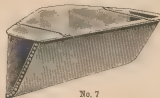
WELDED ANGLE IRON FRAME ROUND TOP.

This Manger is made of best materials and Galvanized after Manufacture. It is largely used by Omnibus and Tramway Companies, Job Masters, &c., &c.

PRICE

13 6 each.

Corner Manger.



No. 7.

2 ft. 0½ in. long \times 1 ft. 6 in. wide at centre \times 1 ft. 1 in. deep inside at front.

With 1½ in. flange all round at top.

PRICE

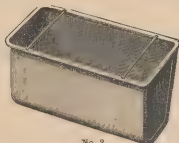
13 6 each.

GALVANIZED WROUGHT IRON MANGERS.

Clean.

Healthy.

Non-Absorbent.

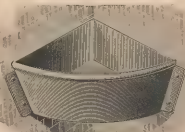


No. 2.

This is very durable, with strong angle iron frame round top.

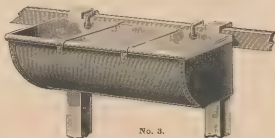
LENGTH.	WIDTH.	DEPTH.	PRICE EACH
ft. in.	ft. in.	ft. in.	s. d.
2 10	1 2	1 3	18 0

Corner Manger.



No. 4.

LENGTH.	WIDTH. (Back to Front)	DEPTH.	PRICE EACH
ft. in.	ft. in.	ft. in.	s. d.
2 8	2 1	1 3	8 6

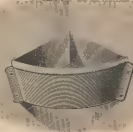


No. 3.

This Manger will be found very useful for temporary purposes. Hooks for the purpose of hanging on existing frames, 6d. each extra.

LENGTH.	WIDTH.	DEPTH.	PRICE EACH
ft. in.	ft. in.	ft. in.	s. d.
2 10	1 1	1 3	18 0
2 6	1 1	1 1	15 0
2 0	1 1	1 1	12 0

Corner Drinking Trough.



No. 5.

With socket in bottom for cleaning out or running off the water.

LENGTH.	WIDTH. (Back to Front)	DEPTH.	PRICE EACH.
ft. in.	ft. in.	ft. in.	s. d.
1 9	1 4	0 6	6 3

ALL GALVANIZED AFTER MANUFACTURED.

GALVANIZED WROUGHT IRON MANGERS AND HAY RACKS.

Registered Perfect Sanitary Manger and Hay Rack Combined.

MADE OF STRONG IRON AND GALVANIZED AFTER MANUFACTURED.



INSIDE DIMENSIONS.

LENGTH, 2 ft. 6 in. WIDTH, 1 ft. 1 in. DEPTH, 1 ft. 1 in.

The Manger is so constructed that sharp corners to admit of perfect and easy cleansing; and the Hay Rack being on the same level as the Manger, will render it unnecessary for a Hay Rack to be fixed above the Manger, and will thus prevent the horse from pulling the Hay over his head, which is a great objection to overhead Hay-Racks.

PRICE 17/8 each.

Wrought Iron Sanitary Horse and Cattle Manger.

SPECIALLY DESIGNED FOR USE ON BOARD SHIPS.

DIMENSIONS 21 in. x 14 in. at top, 10 in. deep.

Made of Strong Iron, and fitted with two Hooks at back for suspending.

GALVANIZED AFTER MANUFACTURED.



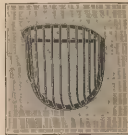
Galvanized Wrought Iron Unbreakable Hay Racks.

No. 1

No. 2



Corner Rack.



Semi-Circular Rack.

These Hay Racks are made **very strong**, the bars being of $\frac{3}{8}$ in. round iron and the frames $1\frac{1}{2}$ in. x $\frac{1}{2}$ in. flat iron, and are Galvanized after manufactured.

DIMENSIONS AND PRICES

Number.	Height		Extreme Width		Depth		PRICES each	
					Back to Front at centre			
	ft.	in.	ft.	in.	ft.	in.	s.	d.
No. 1	2	8	1	9	1	9	18	6
No. 2	2	8	2	6	1	6	15	0

Without any Sharp Corners and well rounded at bottom, and, therefore, can be **EASILY** and **PERFECTLY** cleansed.

Already Adapted by Large Steamship Companies and others.

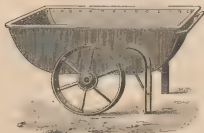
PRICE

8/- each.

WROUGHT IRON FOOD COOLERS AND CALF CRIB.

Food Coolers.

No 1.



No 1

These Coolers are supplied in various sizes, and are made very strong. The frames being of Angle Iron fitted in with Plate Iron, and the wheels are our Patent with WROUGHT Iron Bores or Naves, and therefore will stand rough usage unlike Cast Iron.

PRICES.

Gallons	All Painted.			All Galvanized except wheels		
100	£3	11	3	£4	5	0
120	3	14	0	4	9	0
140	4	2	0	4	15	6
160	4	15	6	5	11	6
180	5	5	0	6	0	0

No. 2.



No. 2

These Coolers have three wheels, the front one being made to swivel so as to allow of Cooler being turned easily in small space.

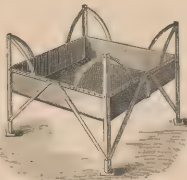
PRICES

Gallons	All Painted			All Galvanized except wheels		
100	£5	12	6	£6	11	6
120	6	1	0	7	8	6
140	6	10	6	7	14	0

The above Coolers are a main to go on at a 3-ft. wheel. Can be made to order in any other sizes at proportionate prices and at a few days notice.

Wrought Iron Calf Crib.

IMPROVED.



No. 4.

This Crib, as will be seen by the illustration, is made very strong, though light in appearance.

PRICES

Size.	Galvanized all over.	Painted.
	£ s. d.	£ s. d.
4-ft. Square	4 5 0	3 7 6

If with Wheels, 18 - extra.

CATTLE AND CALF CRIBS.

Improved make of Wrought Iron.

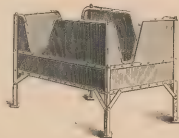
These Cribb are of superior construction and manufacture, the frame being made of Angle Iron, and the sides and bottom of Strong Sheet Iron. Plates are also attached to the bottoms of the legs, as shown in the engravings. Nos 2 and 3 Cribb, being made in a solid form, prevent the Cattle entangling themselves in any part, and they cannot waste the food. Their strength, durability and utility strongly recommend them to the Farmer, to whom they will prove a great saving in the Straw or Fold Yard.

No. 1



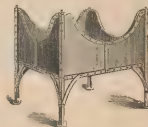
SIZES

No. 3.



GALVANIZED ALL OVER.

No. 2.



PAINTED.

	No. 1			No. 2.			No. 3.			No. 1.			No. 2.			No. 3		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
4 feet square	4	3	0	4	7	6	4	14	6	3	9	6	3	14	0	3	18	6
4½ " " " "	4	12	0	4	17	6	5	4	0	3	18	6	4	1	0	4	6	0
5 " " " "	5	17	0	6	8	0	6	15	0	4	19	0	5	8	0	5	14	6

Any of the above, if with Wheels, 18/- per Crib extra.

GALVANIZED IRON CORN BINS.

D-Shape, or Flat-Back Corn Bins.

No. 10.



These Bins are strong and similar to the Circular ones, except that they will stand close to a wall and offer no angles to obstruct the free use of the stable.

Capacity.	No. 10. As Illustrated			No. 10a. Very Strong and Riveted.		
Busbels.	£	s.	d.	£	s.	d.
4	1	1	0	2	2	0
6	1	6	6	7	13	0
8	1	16	0	3	1	0
10	1	17	6	3	12	0
12	2	2	0	4	1	0

Corner Corn Bins.

No. 11.

Very convenient when tied
for room.



Capacity.	No. 11. As Illustrated.			No. 11a. Very Strong and Riveted.		
Busbels.	£	s.	d.	£	s.	d.
4	1	1	0	2	2	0
6	1	6	6	2	12	0
8	1	16	0	2	6	0
10	1	17	6	3	12	0
12	2	2	0	4	1	0

Extra Strong Riveted Iron Corn Bin.

No. 5.

Length ... 7-ft. 6-in.
Width ... 2-ft 10-in.

Height.
2-ft. 10-in. at front.
3-ft. 2-in. at back.

Contents.
About 40 Busbels

Made of Strong Plate Iron.



PRICES.

Galvanized, without Partition,
£7 17 6
Galvanized, with Partition,
£8 16 0
Painted, without Partition,
£6 0 0
Painted, with Partition,
£6 15 0

Can be made to any other size as proportionate Price.

GALVANIZED IRON CORN OR FLOUR BINS.

No. 1



WITH STRONG HARP, HINGES, &c.

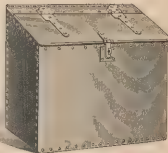
PRICES.

Bush.	Inside Dimensions.			No. 1.			No. 2.			No. 3.		
	Length.	Width.	Depth at front.	Particulars.	Extra.	—	Particulars.	Extra.	—	Particulars.	Extra.	—
	<i>ft in</i>	<i>ft in</i>	<i>ft in</i>	<i>E</i>	<i>s</i>	<i>d</i>	<i>E</i>	<i>s</i>	<i>d</i>	<i>E</i>	<i>s</i>	<i>d</i>
2	1 10	1 4	1 7	0	16	0	3	0	—	—	—	—
4	2 3	1 4	2 0	1	10	3	5	2	0	0	6	1
6	2 4	1 6	2 4	1	6	6	4	5	2	10	0	0
8	2 5	1 8	2 4	1	10	0	5	1	2	7	0	0
10	3 0	1 1	2 6	1	17	1	6	0	3	8	0	0
12	3 4	2 0	2 9	2	5	1	7	1	5	18	0	0
16	4 2	2 1	3 5	3	5	0	8	6	1	16	0	0

Galvanized after manufactured. Other Sizes made to order.

For Bins with Box for Brushes, &c., see page 186.

No. 2



Made of No. 14 Plate Iron.

GALVANIZED IRON CIRCULAR CORN OR FLOUR BINS.

No. 3



With Hinged Cover and Strong Harp. Galvanized after manufactured.

PRICES.

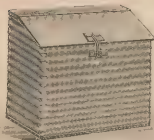
Bushels.	Height.	Diameter.		No. 3.			No. 4.		
		Inches.	Inches.	E	s	d	E	s	d
2	24	17	17	—	—	—	—	—	—
4	27	21	21	1	15	0	1	12	0
6	30	23	23	1	4	0	2	7	0
8	36	26	26	1	10	0	2	15	0
10	36	28	28	1	17	0	3	2	0
12	36	31	31	2	5	0	3	13	0
16	39	34	34	3	0	0	4	11	0

No. 4



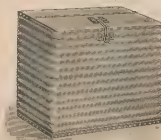
ALL BINS MAY BE MADE IN BLACK IRON, JAPANESED AND LITTERED, AT 7 1/2 CENTS EXTRA.

GALVANIZED CORRUGATED or FLUTED WROUGHT IRON CORN or FLOUR BINS.



(PATENTED.)

All our Corn Bins are fitted
with strong Hasp Hinges,
&c., and are Galvanized
after Manufactured.



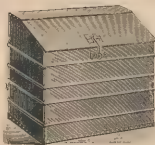
No. 6.
"Corrugated" Pattern, with slanting top.

No. 7.
"Corrugated" Pattern, with flat top.

PRICES FOR ANY OF THESE FOUR PATTERNS

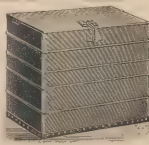
DURABLE.	LENGTHS.	WIDTHS.	HEIGHTS AT BACK.	GALVANIZED.	PAINTED & EXTRA.
	ft.	in.	ft.	in.	ft.
4	2	5	1	2	2
4	2	4	1	0	1
8	2	0	1	8	1
10	3	0	1	8	2
12	3	4	1	0	2
16	1	8	1	0	2

* The Nos. 6 and 8 pattern Bins are 2 inches less in height at front



No. 8.
"Fluted" Pattern, with slanting top.

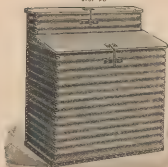
Our Corn Bins have
stood the test of years, and
command a large and in-
creasing sale.



No. 9.
"Fluted" Pattern, with flat top.

GALVANIZED IRON CORN BINS.

No. 15



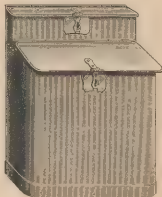
WILL BOX or BUSHES & GRAIN - 100 Bushes and Half.

No. 15. The corrugations in this Bin make it very strong and give the necessary rigidity to the article, and also give it a greatly improved appearance.

INSIDE DIMENSIONS. PRICES ... EACH.

Depth at Front	Length	Width	No. 15	No. 15 Partitions Extra
ft. in.	ft. in.	ft. in.		
4	2 5	1 4	1 11	0 3 3
6	2 1	1 6	2	1 13 1 4 3
8	2 2	1 8	2 6	2 1 7 0
10	2 3	1 8	2 8	2 11 0 6 1
12	2 4	1 3	3 10	2 9 4 7 1
14	2 5	1 10	3 10	3 14 1 8 1

No. 14.



No. 14.—WITH STRONG HASE, HINGES, BOX FOR BAUSHES, &c.

INSIDE DIMENSIONS. PRICES ... EACH.

Depth at Front	Length	Width	No. 14	No. 14 Partitions Extra
ft. in.	ft. in.	ft. in.		
4	2 5	1 4	1 8	0 3 3
6	2 4	1 6	2	1 14 0 4 3
8	2 4	1 8	2	1 19 0 5 1
10	2 5	1 9	2 6	2 7 5 6 0
12	2 6	1 9	2 9	2 15 6 7 0
14	2 7	1 10	3 17	3 1 1

No. 12



Circular Corrugated Corn Bin.

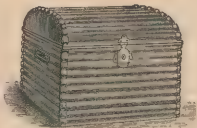
This Bin is Portable, and will be found very useful for outdoor purposes. It is made without hinges, and can be easily secured with a padlock. It will also be found very useful to store Oil-cake, or any Feeding Stuff. Made of Best Iron, and the whole GALVANIZED AFTER MANUFACTURED.

DIMENSIONS AND PRICES. — No. 12

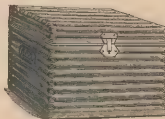
Depth at Front	Length	Width	No. 12	No. 12 Partitions Extra
ft. in.	ft. in.	ft. in.		
4	2 5	1 4	1 11	0 3 3
6	2 1	1 6	2	1 13 1 4 3
8	2 2	1 8	2 6	2 1 7 0
10	2 3	1 8	2 8	2 11 0 6 1
12	2 4	1 3	3 10	2 9 4 7 1
14	2 5	1 10	3 10	3 14 1 8 1

CORRUGATED UNDAMAGEABLE IRON TRAVELLING TRUNKS.

"The COLONIAL"



No. 1.



No. 2.

Combines Maximum Strength with Minimum Weight.

This Trunk has been designed to supply a long-felt want, viz. that of a Trunk which should have the strength of a wooden box, so as to be able to stand the rough usage incidental to travelling, and be at the same time as light as a ordinary "Sampson" and consequently easy to handle. In this endeavour we have succeeded, if possible, beyond our expectation.

It is made of Corrugated Iron, we having overcome the difficulty of bending same to form corners, and a little reflecting will show that this imparts the necessary rigidity to the structure).

It is Elegant in appearance, and is supplied japanned in the usual colours.

These Trunks are made so as to nest one inside the other for shipping and for convenience of stocking.

They are particularly suitable for travelling to and in the Colonies or any long journeys, as they are constructed specially to stand rough usage.

The Trays are made of Perforated Zinc, thus combining lightness with elegance and durability.

Prices for either Pattern.

Fitted with extra good quality Brass Locks.

The 33 and 36 inch Trunks are fitted with Bar Locks.

Lengths	...	...	Inches	18	21	24	27	30	33	36
Japanned or Galvanised ...	...	...	each	17/6	20/6	24/-	29	29/6	34/-	39/6
Galvanised and Japanned	...	...	"	20/6	24/6	28/6	33/6	34/6	39	47/-
Trays for above	...	...	"	2/7	2/9	2/10	3/-	3/4	3/9	4/6

As Packing Cases or/and Travelling Trunks.

THE ABOVE ARTICLE being by its peculiar formation exceptionally strong, is used by shippers to pack goods in, and to thus serve, in the first instance, the purpose of a PACKING CASE, (for which it is very suitable), and ultimately as a Travelling Trunk.

SAUCEPAN STAND.

Iron Saucepan Stand.



6 feet high.—To hold Eight Saucepans.

PRICES.

Galvanized (Non-Rustable)	86
Japanned	76

TRUNK STAND.

Wrought Iron Trunk Stand.

To hold FOUR DIFFERENT SIZES.

Made of Strong Bar Iron, to take to pieces
(for convenience of packing and carriage),
and to bolt together.

PRICE—each,

Galvanized	17 0
Japanned	14 6

BOYS' HOOPS.

Galvanized Iron Hoops
for Boys.

PRICES per Dozen.

Diam.	Thick- ness.	Galvanized.	Japanned.	Black.
Inches.	Inch.	s. d.	s. d.	s. d.
18	$\frac{1}{2}$	3 9	3 6	2 9
21	$\frac{1}{2}$	4 0	3 9	3 0
24	$\frac{7}{16}$	6 6	6 0	4 9
27	$\frac{7}{16}$	7 6	7 0	5 8
30	$\frac{7}{8}$	11 0	10 0	7 6
33	$\frac{7}{8}$	12 0	11 0	8 3
36	$\frac{7}{8}$	13 0	12 0	9 0

SKIDS Galvanized or Japanned 20 per dozen

GALVANIZED WROUGHT IRON HOLLOWARE.

BEST BRIGHT SPANGLED GALVANIZING.

The Best proof of the SUPERIORITY of our GALVANIZED HOLLOWARE, is our receiving constant repetition and increasing number of orders, and also for larger quantities.

We are frequently told by IRONMONGERS that they prefer our make to any other, and that ours is better value for the money.

Sample Orders would ensure a continued demand.

ALL OUR HOLLOWARE GOODS ARE GALVANIZED AFTER MANUFACTURED.

GALVANIZED WROUGHT IRON HOLLOWARE.

Brady's



Sea side Pail.

No. 00



Weight of the 12-in. 32/34 lbs. per dozen.

Nos. 0 and 0a



Weight of the 12-in., No. 0, 36/38 lbs. per dozen.

Weight of the 12-in., No. 0a, 42/44 lbs. per dozen.

No. 1



House Bucket. Forged Ears.

Weight of the 12-in. 48 lbs. per dozen.

Diameters	5	6	7	Diam.	8	9	10	11	12	13	14
Per Dozen	5 3	5 9	6 3	Dozen	7 3	7 9	8 6	9 5	10 6	12 1	14 -

Diam.	10	11	12	13	14
No. 0	9 6	10 3	11 6	13 -	15 -
No. 0a	11 -	11 9	13 -	14 6	16 6

Diam.	10	11	12	13	14
Dozen	14 -	14 9	16 1	17 6	19 6

No. 1 $\frac{1}{2}$ 

Riveted

No. 2



Best House Bucket. Forged Ears.

No. 2 $\frac{1}{2}$ 

Strong Riveted Bucket. Forged Ears

No. 3



Best Riveted Bucket. Forged Ears and Strong Hooped Bottom.

Diam.	10	11	12	13	14
Dozen	15 6	16 3	17 6	19 -	21

Diam.	10	11	12	13	14
Dozen	15 9	17 -	18 6	20 6	22 9

Diam.	10	11	12	13	14
Dozen	17 3	18 6	20 -	22 -	24 3

Diam.	10	11	12	13	14
Dozen	19 6	21 -	23 -	25 3	28 3

GALVANIZED WROUGHT IRON HOLLOWWARE.

No. 4



Extra Strong Bucket, with Solid Swelled Bail, Forged Ears. For Stable use.

Diameters	10	11	12	13	14
Per Dozen	26 6	26 8	30	32 3	33 3
If with strong half round band round top					
	31	32 6	34 6	36 0	39 2

No. 5



Strapped at sides and bottom.

Diameters	11	12	13	14
1st qual. doz.	28 6	30	32 3	33 3
2nd ..	24 6	22	24	26 3
3rd ..	16 2	18	19 6	21 6

No. 6



Strong Stable Bucket, with bottom Riveted in. Solid Forged Ears

Diameters	11	12	13	14
Per Dozen	26 6	28 6	30 3	33 3

No. 7



Very heavy Bucket, as sold for Contractors, Builders, Mining and other purposes, with 2 in. solid rim, rivet bottom and top, and heavy strapped sides

Diameters	11	12	13	14
1st qual. doz.	52 6	56	57	60 9
2nd ..	15	16 6	49 6	53 3
(second)				

No. 58



Suitable for Contractors, Builders, Stable use, Mining Purposes, Butchers, &c. This is made of black iron with extra strong, better and 18 in. by 1/2 in. welded hoop at foot, special forged screen (if so desired)

Diameters	11	12	13	14
Per Dozen	33 6	35	37 3	40 3

No. 32

Special Bucket.

Suitable for Contractors, Builders, Stable and other uses.

12-in. weigh about 84-lbs. per dozen.

With strong Welded Tee Iron Hoop Foot and strong Hollowed bottom.



Diameters	...	in.	11	12	13	14
Per Dozen	...	...	33 6	35	37 3	40 3
If with strong half round band round top						
			38	39 6	41 9	44 9

OVAL SHAPE (Registered).



The advantage of this shape is that it does not tire the arm as much as the round pattern. Also that it hangs better, and the arm is not required to be so far from the body

Diameters	11	12	13	14
Per Dozen	16 6	18	20	22 6

GALVANIZED WROUGHT IRON HOLLOWWARE.

"London" House Bucket.

No. 40.



12 inch weigh about 53 lbs per dozen.

Shaped bottom for use the foot, and a strong wire round bottom.
Will not cut the carpet.

Diameters	in.	10	11	12	13	14
Per Dozen		19/-	20/3	21/9	23/9	26/-

Patent Galvanized Iron Bucket. (With Flat Side.)

No. 11.



Household Pails or Buckets have hitherto been made circular in form, and larger at top than bottom, and in consequence of this shape many accidents have taken place when standing on stairs or steps by overturning.

This Patent Bucket having a flat side to stand against the nose of the stair, gives the bottom rim a safe standing and is secure from overturning.

These Buckets are supplied in sets or quantities for Builders and others, and will be found in every case to be a great improvement on a better.
Prices upon application.

Diameters	in.	11	12	13
Per Dozen		15	16/6	18/3

No. 49



These are Riveted and made very slightly tapered for convenience of packing and stacking.

Diameters	in.	10	11	12	13	14
Per dozen		80/9	30/3	33/9	36/9	40/6

Can be supplied riveted at 1/- per doz less

Ship Bucket.

No. 55



Riveted sides, Forged ears—a good strong Bucket.

Diameters	in.	10	11	12	13	14
Twisted Rivets	per doz	5/-	26	30/-	32/3	36/6

Do. riveted with Twisted Rivets

27/- 27 31/- 33/3 36/3

Ship Bucket.

No. 56.



With Ears riveted with Ring and Turned Balls.

Diameters	in.	10	11	12	13	14
No 1 (Rivets)	per doz	20/-	21/6	23/6	25/-	28/4

No. 2 (Seamed)

18/- 20/- 21/6 23/6 26/9

GALVANIZED WROUGHT IRON HOLLOWARE.

Saccharine Bucket or Pan.



18-in. diameter at top, 17-in. deep inside, 18-in. diameter
at bottom, 18-in. deep outside.

Qualities	No.	1	2	3
Prices	each.	5/-	6/6	8/-
Covers		1/-	1/-	1/-

Calf Bucket.

(Tinned Iron).



No. 43.

Diameters...in.	12	13	14
Prices, per doz.	22/6	28/-	34/-

Nose Bag Pail.

(For Horses.)

No. 77.



These "Nose Bag" Pails are water-tight,
and can be used for drinking purposes when
necessary.

Price 36 - per dozen.

Well Bucket.

No. 26.



Well Bucket.

No. 47.



Sea Water Bucket.



No. 67.

Strong, yet light.	Stands on top and bottom.		
Diameters.	Depth	Capacity	PER DOZEN
(Outside)	(Inside)	(Approx.)	
Inches.	Inches.	Gallons.	
9	12	24	42 -
10	13	3	48/-

Gallons 3 4 5 6 8 10 12 14 16

Best quality 59 62 69 79 9 10 612 613 620

(See)

Our prices are fixed at the rate of 1/- per gallon at present.

2 3 26, 2 7, 3 3 4, 8 each extra.

We ask our customers against saying a rattle quality when, except if no time. We have unhesitatingly taking a second
quality, as we have found only the very best quality to be suitable for Well work.

This can be specially recommended as by its construction in
the bucket has the No. 26 shape, and having a very strong
or L. Teegee Loop round the bottom, will resist any
or L. Teegee, is desired or needed.

Gallons 3 4 5 6 8 10 12 14 16
Best quality 59 62 69 79 9 10 612 613 620

FOR FLEXIBLE STEEL WIRE ROPE, SEE PAGE 284.

GALVANIZED WROUGHT IRON HOLLOWARE.

Fire Bucket.

No 27.



Close Riveted.

Diameter at top, 10-in., Depth, 12-in.

Price, 30/- per doz.

Fire Bucket.

No 51.



Close Riveted.

Diameter, 10-in., Depth, 12-in.

Price 30/- per doz.

Fire Bucket.

No 59



Close Riveted.

Diameter at top, 9-in., Depth, 11-in.

Price, 30/- per doz.

Fire Bucket.

No 65



Close Riveted.

Fire Bucket Bracket.

JAPANNED IRON.



Price, 6/- per dozen.

No. 73.



Extras.

Painting outside of Bucket Red (2 coats),

9/- per dozen.

Lettering Buckets with word "Fire," as illustrated,

7 6 per dozen.

GALVANIZED AFTER MANUFACTURED.

The advantage of this Bucket over the ordinary pattern is that, being riveted at the bottom, it is practically useless for any purpose and, therefore, so risk of being damaged by the Bucket Hooks at the all important bottom.

Diameter at top, 10-in., Depth, 12-in.

Price, 30/- per dozen.

Diam. at top	...	ins.	9	10
Depth	...	ins.	11	12
Prices per doz.	...		22	24

GALVANIZED WROUGHT IRON HOLLOWARE.

Chamber Pail.

No. 8.



No.	0	1	2	3	4
Diam. at top ... in	8½	9	9½	10	10½
Best qual. ... doz.	26 6	29 6	32 6	36 6	40 6
2nd qual.	22	25 6	28 6	31 6	34 6

"Tidy" Chamber Pail.

No. 68.



No.	1	2	3	4
Per doz.	45	48 9	53	57 6

Sanitary Chamber Pail.

No. 69.



No.	1	2	3	4
Length at top ... in.	12	13	14	15
Prices per doz.	59 6	42 6	45 6	49 6

No. 74.

Housemaid's Pail.

(PAIL AND SOAP DISH COMBINED.)

ALEXANDER'S PATENT

The advantages claimed for this Combination Pail are :—

The Soap Dish does not take up much room in the Pail. The Pail having a lip, the water is poured away more easily and without risk of splashing. The Soap Dish works on pivots, and when the Pail is put into position for pouring, the perforated portion at back of Soap Dish acts as a strainer, and prevents flannel or any other large substance being emptied down sink, &c.

Diameter at Top 12 inches.

Depth 9½ inches inside.

PRICE 21— per dozen.

Toilet Pail.

No. 76.



(Galvanized after made.)

Diameter at Top 11 inches.

PRICE 37 6 per dozen.

GALVANIZED WROUGHT IRON HOLLOWARE.

Boiler Filler.

No. 29.



Oval shape, Galvanized after manufactured.

Gallons 1 1½ 2 2½ 3 3½ 4

Best quality ... 28/- 30/- 31/6 38/- 41/6 47/6 51/-

2nd quality ... 25/6 28/6 31/6 35/- 38/6 42/6 47/-

Extra broad wire 1/2" for 1/2" with 1/2" underneath, 1/2" do extra.

Boiler Filler.

No. 30.



Round shape, Galvanized after manufactured.

Gallons 1 1½ 2 2½ 3 3½ 4

Best quality ... 28/- 30/- 31/6 38/- 41/6 47/6 51/-

2nd quality ... 25/6 28/6 31/6 35/- 38/6 42/6 47/-

Extra broad wire 1/2" for 1/2" with 1/2" underneath, 1/2" do extra.

Boiler Filler.

No. 54



Oval shape, Galvanized after manufactured; very strong.

Gallons 1 1½ 2 2½ 3 3½ 4

Best quality only 30/6 38/6 35/- 40/- 43/6 47/6 51/-

Per dozen ... 30/6 38/6 35/- 40/- 43/6 47/6 51/-

Milk Bucket.

No. 66.



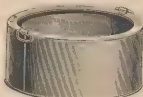
With Spout and Back Handle.

Diameters.	10	11	12	13	14
Price, per doz.	32/-	34/-	36/-	38/6	41/6

Seamed Side 1/2" per dozen less.

Galvanized Iron
Milk Scalding Pan.

THE "DEVON."



THESE SEVEN CLASSES OF GALVANIZED IRON PANS are made with one inch rim, and have two handles for lifting.

14	16	17	17	inches dia.
7	7	7	7	inches deep.
30/-	35/-	36/-	38/-	per dozen.

Strawberry Watering Pot.

No. 60



Galvanized after manufactured.

Very strong.

Pints	2	4	6
Each	11	29	48

GALVANIZED WROUGHT IRON WATERING POTS.

No. 19.



With Brass or Copper Screw-on Rose. Unless otherwise ordered, Brass Roses will be supplied as being a harder metal than Copper to lose little to damage. Galvanized Iron Roses to slip on can be supplied, if preferred, at same price.

Gallons .. 1 1½ 2 2½ 3 3½ 4

Best quality, doz 37 35 33 31 29 27 25

2nd quality, doz 29 28 27 26 25 24 23

Extra broad wired handles underneath, doz extra

No. 19a.



With extra long Spouts and brass Roses to slip on. A Socket to fit a 1/4 inch of Spout. It is 1/4 inch of Spout. It is 1/4 inch of Spout. It is 1/4 inch of Spout.

Gallons .. 1 1½ 2 2½ 3 3½ 4

Per dozen ... 46 - 48 - 50 - 53/6 56/6

No. 71.

BEST QUALITY, WITH BRASS ROSES TO SCREW ON.



Oval shape with Metal Iron Handle

Gallons. 1 1½ 2 2½ 3 3½ 4

Price per Dozen 37 35 33 31 29 27 25

Can be supplied Round Shape at same Prices.

The "Market Gardener's" Watering Pot.

No. 45.



This is a very strongly-made article, constructed specially with extra large and long spout, and extra size Rose, to suit the requirements of Market Gardeners, Florists &c., &c. Galvanized after manufactured.

PRICES.—Including Rose and Spreader

Gallons 2 2½ 3 3½ 4 5

Per dozen 48 - 50 - 52 - 54 - 56 - 58

If only rose and spreader required, 5 per dozen less. Extra broad wired handles with hose underneath, 1/2 per dozen extra.

No. 72.

BEST QUALITY, WITH BRASS ROSES TO SCREW ON.



Round shape, with Barrel Handle.

Gallons. 1 1½ 2 2½ 3 3½ 4

Price per Dozen 40 38 36 34 32 30 28

Can be supplied Oval Shape at same prices.

GALVANIZED WROUGHT IRON HOLLOWWARE.

TUBS.

GALVANIZED

AFTER MANUFACTURED.

WELL

MADE.



No 16.

SIZES.		Inches	14	16	18	20	22	24	26	28	30	33	36	38	40
			per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.	per doz.
OVAL	FIRST QUALITY, extra strong and good deep pattern		16/6	19/6	22/6	28/-	33	37/6	45	53	60	75	90	105	125
"	" " with hooped feet or strapped bottoms		19/9	23/3	27	33/7	39	44/6	53	62	71	87	104	121	148
"	" " with hooped feet and strapped bottoms		22/6	27/-	31/6	38/6	45/-	51/6	61/-	71/-	80/-	99/-	118/-	137	161
"	SECOND QUALITY, strong deep pattern		13/6	15/-	18/-	21/-	25/-	30/-	34/6	40/-	45/-	57/-	69		
"	" " with hooped feet or strapped bottoms		16/3	18/6	22/3	26/-	30/9	36/3	41/6	48/9	55/-	69/-	82		
"	" " with hooped feet and strapped bottoms		19/-	22/-	26/6	31/-	36/6	43/6	48/6	57/6	65/-	81/-	95		
ROUND	FIRST QUALITY, extra strong and good deep pattern		21	24	28/6	34/6	40/6	46/6	55	63	72	88	105		
"	" " with hooped feet or strapped bottoms		24/6	28/6	34/-	40/9	47/9	54/6	64/6	73/9	84/6	102/-	120		
"	" " with hooped feet and strapped bottoms		28/-	33/-	39/6	47/-	55/-	63/-	74/-	84/6	97/-	116/-	135		
"	SECOND QUALITY, strong deep pattern		16/6	18/9	22	25/6	30/9	36	41/6	48	55				
"	" " with hooped feet or strapped bottoms		19/9	23/-	27/3	31/6	38/-	44/3	50/9	58/6	67				
"	" " with hooped feet and strapped bottoms		23/-	27/6	32/6	37/6	45/3	52/6	60/-	69/-	79				

The above prices are for Tubs with fixed handles, if full handles (to either oval or round tubs), 1/6 per dozen extra.

Should these Baths or other goods be required enameled inside, BRABY'S "FITZROY" and "CHEZ-LUI" ENAMELS well washed with water in the same way as Stoved Japan. See pages 365 to 367.

GALVANIZED WROUGHT IRON HOLLOWWARE.

Wash-up Tub.



No. 1.

Diameter	...	in.	10	11	12	13	14	16
Per dozen	...	9 3	10 3	11 4	12 9	14 9	16 6	

Wash-up Tub.



No. 2

There being a demand for a cheaper quality Wash-up Tub than our No. 1, we have introduced the above.

Diameter	...	in.	10	11	12	13	14	16
Per dozen	...	8 9	9 8	10	11 6	13	14 5	

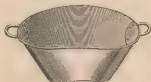
Turnip Skep.



No. 17.

Diameters	...	19	21	23	25	27
1st Quality	(Stripped at bottom and right up sides to top and with handles plated on)	47	42	48	54	62
2nd Quality, ditto	...	32	36	42	47	54
3rd Quality (dressed)	...	27	31	36		

Turnip Skep.



No. 17a

With hollowed front and strapped bottom.

Lengths	19	21	23	25
Per dozen	30/-	34 6	39	44 6

Lynn Skep.



No. 15. — Can be had with handles placed higher or lower, but this pattern kept in stock. Other patterns supplied promptly to order.

Diam at top	...	in.	14	16	18	20	22
Bushels	...	...	8	9	1	1 1/2	1 3/4
Per dozen	...	...	23	39	45	51	57
With strong band round top	...	...	37	43 6	50	57	64

Devonshire Oval Skep.



No. 25. Strong, but Light. Bottoms strapped and handles plated on.

Length	Width.	Depth.	Price.
25 in.	20 in.	13 1/2 in.	64 - doz.

GALVANIZED WROUGHT IRON HOLLOWWARE.

No. 9.



Wash-hand Basins, Stamped, Galvanized or Tinned.

No. 10.



Galvanized or Tinned. Bowls, Wired Edges, Wood Handles.

No. 11.



Strong Plain Edge Bowls, Galvanized or Tinned.

Boat Bailer.

No. 11A.



Galvanized Iron.

Diameters in.	11	12	13	14	16	Diameters ... in.	8	9	10	11	Diameters ... in.	8	9	10	11	Diameters ... in.	6	7
Galvanized per doz.	6/6	7/6	9/-	10/6	13/-	Galvanized per doz.	9/-	10/6	12/-	13/6	Galvanized per doz.	12/-	14/-	15/6	18/-	Wired edge, per doz.	7/6	8/-
Tinned p. doz.	7/6	8/6	10/-	11/9	16/6	Tinned ..	10/-	11/-	13/-	15/6	Tinned ..	13/6	15/6	17/-	19/6	Sharp edge ..	11/-	11/-

Seed Hopper or Lip.

No. 35



Inches ... 22 24 26 28 30

Per dozen 45/- 47/6 54/- 61/6 63/-

Housemaids' Boxes.

Galvanized Wrought Iron.

No. 1



Price ... 3/- each.

If with covers (hinged), 1-3 each extra.

No. 2.



Inches ... 13 14 15

Each ... 6/- 7/8 8/9

GALVANIZED WROUGHT IRON HOLLOWWARE.

No. 12.



Very strong Manure or Brewers' Bowl, with $\frac{1}{2}$ -in. Solid Iron Strap round Bottom, and $\frac{1}{2}$ -in. half-round band at top.

Diam.	in.	8	9	10	11	12
Per each	...	3 6	4 -	4 5	4 9	5 6
Per doz.	...	39	43	47	54	59
Without strap and band ... per each		3 -	3 3	3 6	4 -	4 6
Without strap and band ... per doz.		32	36	39	45	50

No. 24.



Very strong deep Jet, with extra strong Iron Band round top.

Diam.	in.	8	9	10	11	12
Per each	...	4 -	4 6	5 -	5 6	6 3
Per dozen	...	45	48 9	51 -	56 -	67 6

No. 28.



Strong deep Jet, wired edge.

Diam.	in.	8	9	10	11
Per each	...	3 6	3 9	4 -	4 6
Per doz.	...	37	41 6	45 -	51 -

No. 34.



Half-round Jet.

Diam.	in.	8	9	10	11
Per each	...	2 3	2 6	2 9	3 -
Per Dozen	...	24	26 6	29 -	31 6

No. 33.



Straight 8 de Jet, with continuous Handle.

Diam.	in.	8	9	10	11
With handle, per each	...	3 9	4 -	4 6	5 -
Without " per each	...	3 -	3 6	4 -	4 6
Without " per doz.	...	33	36	43	48
Without " per doz.	...	30	34	41 6	47 -

Grain Measure.

No. 36



Imperial Stamped and adjusted.

(Only 1 cwt Bus. and 1 Bus. are supplied with handles)

Qrt.	1/2 Gall	1 Gall.	1/2 Bus.	1 Bus.
Each.	1/9	2/9	3/9	5 -
			6 6	8 6

The Handles of above jets are fixed at an angle of 45°, but can be specially supplied at any required angle (without additional cost). Orders of 8 or more are charged at the "per dozen" rate.

GALVANIZED AND JAPANNED IRON COAL SCUTTLES, SCOOPS, &c.

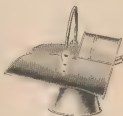
No. 14



Improved "Durbam."
With Embossed Back and Grooved Edge,
Best Quality.

Inches (Length)	14	15	16	17	18
Galvanized	28 6 31	31 6 38	34 6 38	37 6 38	40 6 38
Japd. Black	28 6 31	31 6 38	34 6 38	37 6 38	40 6 38
Zinc lined & Japd. outside	57	61	67	73	80

No. 21a



Inches (Length)	14	15	16	17	18
Galvanized	28 6 31	31 6 38	34 6 38	37 6 38	40 6 38
Japd. Black	28 6 31	31 6 38	34 6 38	37 6 38	40 6 38
Zinc lined & Japd. outside	57	61	67	73	80

No. 21.



Inches (Length)	14	15	16	17	18
Galvanized	28 6 31	31 6 38	34 6 38	37 6 38	40 6 38
Japd. Black	28 6 31	31 6 38	34 6 38	37 6 38	40 6 38
Zinc lined & Japd. outside	57	61	67	73	80

No. 50.



Flat-bottomed "Durbam."

Inches (Length)	14	15	16	17	18
Galvanized	31	31	37	40	45
Japd. Black	28	31	34	38	42
Zinc lined & Japd. outside	61	66	72	78	85

Any of the above Galvanized or Japanned Scoops and Boxes can be supplied Japanned outside if required at 3d per doz. extra for 14, 15, 16, 17 and 18 inches respectively.

Coal Boxes—Galvanized Iron.



No. 1.



No. 2. With Covered Top and Hinged Lid.

This article is designed specially for Kitchen use. Being made of Iron and Galvanized after manufacture it is very strong and durable yet light.

PRICES per dozen including Hand Scoop.

No. 1.

Length.	1st Qual.	2nd Qual.
14 inches	29-	49-
16	51 6	45-
18	72	47-
17	60-	70-
18	71 6	81-
20	78	82-

No. 2.

Length.	1st Qual.	Only.
14 inches	49-	47-
16	70-	70-
18	72	72
17	71-	71-
18	82-	82-
20	92	92

No. 18



The "Waterloo."

Inches (Length)	14	15	16	17	18
1st Qual. Galv.	27 6 32	32 6 32	36 6 41	36 6 41	36 6 41
Do. Japd. Black	27	30	33	36	41
2nd Qual. Galv.	21	23	26	29	32
Do. Japd. Black	18	21	24	27	30

Any of the above Galvanized Waterloos or Hods can be supplied Japanned outside if required at 3d, 3s, 3s, 4s, 4s per doz. extra for 14, 15, 16, 17 and 18 inches respectively.

No. 22.



Hod (Strong).

Inches (Length)	14	15	16	17	18
1st Qual. Galv.	27 6 32	32 6 32	36 6 41	36 6 41	36 6 41
Do. Japd. Black	27	30	33	36	41
2nd Qual. Galv.	21	23	26	29	32
Do. Japd. Black	18	21	24	27	30

STEEL AND IRON SHOVELS, &c.

Galvanized Stamped Steel Shovels.

WITH WOOD HANDLES.

The "GEM."



The "ECLIPSE."



The "HANDY."



SIZES and PRICES.

Pattern.	No.	Lengths. (Exclusive of Handle.)	Widths at Front.	PRICES per dozen.
"GEM" ...	1	8 inches	4 1/2 inches	4 6
"GEM" ...	2	9 "	5 1/2 "	6 0
"HANDY" ...	1	8 "	5 "	6 6
"HANDY" ...	2	9 "	5 1/2 "	7 3
"ECLIPSE" ...	3	10 "	6 "	8 0
"ECLIPSE" ...	1	8 "	7 "	6 0
"ECLIPSE" ...	2	9 "	8 1/2 "	6 9
"ECLIPSE" ...	3	10 "	9 1/2 "	8 0

Strong Wrought Iron Kitchen
Coal Shovel.

(With Forged Socket Handle.)



Measurement of Shovel, exclusive of Handle,

8 in. x 6 in. x 1 1/2 in.

This Shovel is being specially manufactured in order to supply a good serviceable article for use in Kitchens and Coal Cellars, and it will be found much superior to those previously in the market.

PRICES.

Galvanized	...	...	...	12/-	per dozen.
Japanned	...	...	...	10 6	"

Hand Scoops for Coal Scuttles.

No. 48.



Round Bottom.

No. 49.



Flat Bottom.

PRICES.

SIZES ... ins.				SIZES ... ins.			
6	7	8		6	7	8	
Galvanized	12/6	13/6	14/6	Galvanized	9/	10/-	11/
or Japanned				or Japanned			

GALVANIZED WROUGHT IRON HOLLOWARE.

Toilet Can.

No. 2



Oval shape, Galvanised after manufactured.
very strong.

Gallons ... 1 1½ 2 2½ 3 3½ 4

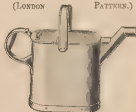
Per dozen ... 36 6 23 8 13 6 16 9 51/- 55 6 60 -

Extra broad wired handles with base underneath, 12 60z extra

Toilet Can.

No. 3

(LONDON PATTERNS.)



Strongly made, and with extra broad wired edge Handles
with Bases underneath

Gallons ... 1 1½ 2 2½ 3 3½ 4

Per dozen ... 43 8 46 8 50 8 54 - 58 6 63/- 67 -

Garden Basket.

Also suitable for Fish and a variety of purposes.



Water Can.

No. 13



Stamped inverted bottom, with edge of same strongly wired

Gallons ... 1 1½ 2 2½ 3 4

Per dozen 27 30 - 33/- 36/- 39/- 45/-

Can be supplied with loop at bottom at same prices.

Jug.

No. 61



These Jugs are very handy for carrying, and are of a
good pattern

PRICES—EACH.

Galvanised.

Galvanised.

	s.	d.		s.	d.
2 Pints ...	1	0	7 Pints ...	2	6
3 " ...	1	9	1 Gallon ...	2	9
4 " ...	2	0	1½ " ...	3	0
6 " ...	2	5	1½ " ...	4	0

Water Pitcher.

(UNBREAKABLE.)

No. 62



Gallons	1½	2	2½	3
Per dozen	34 -	37 6	42 -	46 6

For Catalogue Toilet Cans see page 25

GALVANIZED WROUGHT IRON PAINT CANS AND STRAINERS.

(GALVANIZED AFTER MANUFACTURED.)

PAINT CANS.



No. 25A.



No. 25B.

With Hook Handle
for hanging on ladder.

No. 26A.



No. 26B.

These Cans are made with a sharp folded edge at top, to allow of the superfluous paint being more effectively taken off the brush than can be done by the beaded top edge. They are also wired outside at a short distance from the top, which imparts great strength to the can.

Diameters ... in.	5	6	7	8	9	10
No. 25A ... per doz.	5/3	6/-	7/-	8/3	9/9	11/6
No. 25B	6/-	6/9	7/9	9/-	10/6	12/3

Diameters ... in.	5	6	7	8	9	10
No. 26A ... per doz.	6/9	7/6	8/6	9/9	11/3	13/-
No. 26B	7/6	8/3	9/3	10/6	12/-	13/9

PAINT STRAINERS.



No. 44.

Galvanized Iron Body, Perforated Zinc Bottom.



No. 44B.

With Flange for resting on Paint Can.

Diameters at Top ... in.	6	7	8	9	10	11
Diameters at Bottom ... in.	4	4½	5	5½	6	6½
Per dozen	7/-	8-	9/-	10/6	12/6	15/-

Diameters at Top ... in.	6	8	10	4in for 5 & 6in. Paint Cans.
Diameters at Neck ... in.	4	5	6	2in .. 7 & 8in.
Per dozen	8/6	11	14/6	6in .. 7 & 10in. ..

GALVANIZED WROUGHT IRON SANITARY PANS.

No. 1.



Oval—15-in. × 19-in. at top,
18-in. deep outside. 4/- each.
If Covers required, 1/9 each extra.

No. 2



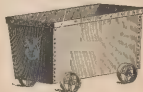
Round—15-in. diameter at top,
16-in. deep outside. 4/8 each.
If Covers required, 1/9 each extra.

Nos. 3 and 4.



No. 3—17-in. diameter at top, 15-in.
at bottom, 15 in. deep outside, 7/6 each.
No. 4—17-in. diameter at top, 17-in.
at bottom, 17-in. deep outside, 8/- each.
If Covers required, 2/6 each extra.

No. 5.



24-in. × 18-in. at top } 21-in.
" × 12½-in. at bottom, } deep.
22/8 each. } outside.
If without wheels (18-in. deep), 7/6 less.
If Covers required, 4/6 each extra.

No. 6.



	Strong.	Medium.
30-in × 18-in × 10-in deep outside	13/-	11/6
24-in × 16-in × 10-in "	11/6	10/6
20-in × 14-in × 14-in "	10/-	9/-

If Covers required, 3/-, 3/6, and 4/- each for
the 20, 24 and 30 inch long, respectively.

Nos. 7, 8 and 9



No. 7—Extra Strong—16-in. × 13-in. at top,
17-in. deep at front, 16-in. deep at back, outside,
7/6 each.
No. 8—17-in. × 13-in. at top, 12½-in. deep at
front, 11½ in. deep at back, outside, 4/- each.
No. 9—17-in. × 13-in. at top, 17-in. deep at
front, 15-in. deep at back, outside, 5/6 each.
If Covers required, 2/3 each extra.

No. 10.



Length at top	Width at top	Depth at top	Price each
14	10	11	1/6
15	11	12	2/0
16	12	13	2/6
17	13	14	3/0

If Covers required, 14 and 15-in. 1/9, 16 and
17-in. 2/-, 18-in. 2/3 each extra.

BRABY'S GALVANIZED IRON SANITARY DUST BINS.

AS APPROVED BY THE SANITARY COUNCIL OF THE INTERNATIONAL HEALTH EXHIBITION.

F. B. & CO WERE THE FIRST INTRODUCERS AND ORIGINAL MANUFACTURERS OF GALVANIZED IRON DUST BINS

By the adoption of these old DISEASE TRAPS are abolished. Nothing can be more dangerous to health than the evil-smelling abomination in brick or wood which usually occupies the place of honour near to the house. The porous walls and floor get saturated with rain and rubbish, and in favorable weather develop crops of microbes, which are so injurious to health.

Circular Portable Dust Bin.

Can be supplied semi-circular or quadrant shape if preferred at proportionate prices.



No. 31.

The 1st Quality has a strong Welded Tee Iron Hoop at foot, which makes the Bin last much longer, and therefore cheapest in the end.

		PRICES (INCLUDING COVERS).					
		1st Quality.		2nd Quality.		3rd Quality.	
Diameters	Depths						
Inches.	Inches.	s.	d.	s.	d.	s.	d.
12	12	4	9	4	3	4	0
13	14	5	9	5	0	4	6
14	16	6	6	5	3	5	3
15	18	7	6	6	3	5	9
16	20	8	0	7	0	6	3
17	22	9	9	8	3	7	0
18	24	11	9	9	9	8	0
20	26	14	0	11	6	9	3
18	30	14	0	11	6	—	—
20	36	17	0	14	0	—	—

Square Portable Dust Bin.

Can be made oblong or triangular if preferred and to any size or shape of proportionate prices.



No. 39.

		PRICES (INCLUDING COVERS).			
		1st Quality.		2nd Quality.	
Square.	Depths				
Inches	Inches.	s.	d.	s.	d.
12	12	6	6	5	6
13	14	7	0	6	0
14	16	8	6	6	9
15	18	9	6	7	6
16	20	10	3	9	0
17	22	12	6	10	6
18	24	15	6	12	6
20	26	18	0	15	6

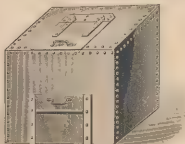
If Hinged Covers, 9d. each extra.

The above Dust Bins being made of Iron and Galvanize (after manufacture) are non-absorbent, and therefore superior to those of wood or brick, when absorbing the impurities of the contents of the Bins are constantly emitting those poisonous and almost insupportable miasms. These improved Bins are now rapidly superseding those of wood or brick, and are also less expensive than the latter. They are light, durable, and portable.

BRABY'S GALVANIZED IRON SANITARY DUST BINS.

AS APPROVED BY THE SANITARY COUNCIL OF THE INTERNATIONAL HEALTH EXHIBITION.

F. B. & Co. WERE THE FIRST INTRODUCERS AND ORIGINAL MANUFACTURERS OF GALVANIZED IRON DUST BINS. By the adoption of these the old DISEASE TRAPS are abolished. Nothing can well be more dangerous to health than the evil smelling abomination in brick or wood which usually occupies the place of honour next to the house. The pores of walls and floor get saturated with rain and rubbish, and in favorable weather develop crops of microbes, which are so injurious to health.



No. 50 Pattern. First Quality.

Size Numbers	Widths	Depths (Front to Back)	Heights at Back	Heights at Front	First Quality. (As Illustrated.)		Second Quality	Third Quality
					Galvanized	Painted		
	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
1	1 8	1 4	2 1	1 11	3 6	1 14 0	0 18 0	0 15 6
2	1 10	1 6	2 7	2 0	2 0 0	1 17 0	1 2 6	0 18 0
3	2 0	1 8	3 1	2 11	2 11 6	2 2 6	1 8 6	1 2 6
4	2 4	1 10	3 8	2 8	2 17 9	2 4 0	1 11 6	1 5 6
5	2 8	2 2	3 11	2 6	2 15 3	3 7 6	1 8 6	1 2 6
6	3 0	2 2	3 11	2 8	3 4 6	2 8 6	2 10 0	—
7	4 0	3 6	3 0	2 8	3 15 6	3 17 6	—	—

Can be had on wheels and with handles at an additional cost, according to size.

Can also be had if preferred without bottom, but with strong angle iron frame round sides at bottom instead, at above prices.



No. 50B Pattern. First Quality.

Size Numbers	Widths	Depths (Front to Back)	Heights at Back	Heights at Front	First Quality (As Illustrated.)		Second Quality	Third Quality
					Galvanized	Painted		
	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
1	1 6	1 6	7 7	2 4	2 3 8	1 18 6	0 19 0	0 16 0
2	1 10	1 8	2 11	2 8	2 6 6	1 18 6	1 1 0	0 19 0
3	2 0	1 10	3 1	2 11	2 16 6	2 4 6	1 11 6	1 3 6
4	2 6	1 10	3 2	2 11	3 0 0	2 9 6	1 14 0	1 6 6
5	2 8	1 10	3 2	2 11	3 2 6	3 12 6	1 17 0	—
6	3 0	1 10	3 2	2 11	3 6 0	2 15 6	2 5 0	—

Can be had on wheels and with handles at an additional cost, according to size.

Can also be had if preferred without bottom, but with strong angle iron frame round sides at bottom instead, at above prices.

The above Dust Bins being made of Iron and Galvanized (after manufacture), are not so porous, and therefore superior to those of wood or brick, which allow the impurities of the contents of the Bins to constantly exhalting these pores, and often to a place that is so very injurious to health and unpleasant to breathe. These improved Bins are now rapidly superseding those of wood or brick and are also less expensive than the latter. They are for use, durable and portable.

GALVANIZED IRON SANITARY DUST BINS.

PORTABLE DUST BINS.

WITH HOLLOWED FRONTS.

(Registered.)

Circular.



No. 32.

PRICES FOR BEST QUALITY.

(These are made only in best quality.)

CIRCULAR.		Covers.		SQUARE.		Covers.	
Diam.	Depth.	s. d.	s. d.	Square.	Depth.	s. d.	s. d.
16	20	10 0	2 6	16	20	11 3	3 0
18	24	14 0	3 3	18	24	15 6	3 3
20	28	17 0	4 3	20	28	18 6	4 6

Square.



No. 40.

As will readily be seen by above Illustrations, these Dust Bins are made with hollowed fronts, so as to allow of a man's shoulders fitting in snugly, and by this means facilitating the emptying of contents. There is a handle near bottom at back for lifting purposes.



No. 33.

WIDTHS at back.	DEPTHS Front to Back.	HEIGHTS at Back.	HEIGHTS at Front.	PRICE—Each (including Cover.)
Inches.	Inches.	Inches.	Inches.	s. d.
16	16	21	18	10 6
18	18	24	21	13 6

Any other size can be made to order. Price on application.

PATENT PORTABLE GALVANIZED IRON DUST BIN.

Patent Portable Galvanized Iron Dust Bin.



No. 34.

As will be seen by above illustrations, the bottom hoop is an arc shaped piece cut out of it at a certain point, and a strong stamped rounded "Shoulder" piece is inserted. The object of this invention is to prevent the possibility of any movement or injury to the Dustmen, who strongly complain about the sharp edge of the bottom hoop of the ordinary Portable Dust Bin hurting their shoulders when conveying to dust cart for the purpose of emptying.

By the adoption of this patent, the carrying away of the loose refuse is rendered a matter of ease and easiness.

PRICES.—Best Quality only.

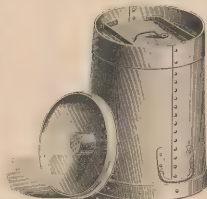
Diameters.	Depths.	PRICES—Each.	
Inches.	Inches.	Inclusive of Covers.	
16	20	10	9
17	22	12	0
18	24	14	0

GALVANIZED IRON SANITARY DUST BINS AND PAILS. (PATENTED).

CLEAN!

HEALTHY!!

NON-ABSORBENT!!



BIN.



PAIL.

It will at once be seen by above illustrations that this Sanitary receptacle possesses a great advantage over the ordinary article in general use, and at the same time is only very little extra in price. It has a movable bottom, made of 11 Gauge Plate Iron, which is turned round against the square edge of a Scraper or Knife fitted close to the bottom, both inside and outside, effectually preventing any corrosive matter entering it (which is so often the case in the ordinary Dust Bin), so that when the receptacle is emptied by the Disinstructor it can be retrieved perfectly clean. Another very important feature is, that in the top of the cover or lid is fitted a perforated well, which may contain either saw or sponge saturated with a disinfectant, or a disinfecting powder or block may be put in up to the top of the perforations (in depth of about $\frac{1}{2}$ inches), which discharges all obnoxious gases, and the receptacle itself can thus be kept near to a dwelling without risk.

Description.	Diameter at top.	Diameter at bottom.	Depth outside exclusive of cover.	PRICE EACH.	
				1st Quality.	2nd Quality.
	Inches.	Inches.	Inches.	s. d.	s. d.
BIN... ..	16	14	22	11 9	9 9
PAIL... ..	14	10	14	7 9	6 3

The 1st Quality have a strong welded hoop at bottom and are recommended. Disinfecting Blocks made specially to fit well in cover at 4,5 dozen.

THE ABOVE COMPLY WITH THE REQUIREMENTS OF THE LONDON COUNTY COUNCIL.

BRABY'S GALVANIZED IRON CINDER SIFTERS AND DUST BINS COMBINED.

AS APPROVED BY THE SANITARY COUNCIL OF THE INTERNATIONAL HEALTH EXHIBITION.

The "Noiseless."

(PATENTED.)



CIRCULAR.



SQUARE.

The "Euston."

(PATENTED.)



CIRCULAR.

Diam. in										Square, in.										Diam. in.									
12	13	14	15	16	17	18	20			12	13	14	15	16	17	18	20			12	13	14	15	16	17	18	20		
Depths Inside, in.										Depths, in.										Depths Inside, in.									
12	14	16	18	20	22	24	26			12	14	16	18	20	22	24	26			12	14	16	18	20	22	24	26		
1st Quality	8 6	9 6	10 6	11 6	12 6	13 6	15 6	17 6	21	1st Quality	10 6	12	13 6	15	16 6	18 6	22 6	25 6		Each	...	8 6	9 6	10 6	12 6	13 6	15 6	17 6	21
2nd	7 6	8 6	9 6	11 6	12 6	13 6	15 6	18		2nd	...	9 6	10 6	11 6	13	14 6	16 6	19 6	22										

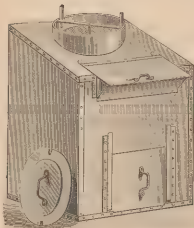
The great advantage of a Cinder Sifter being combined with a Dust Bin, is that the dust from the sifter goes into a container and therefore as a disinfectant and the further advantage in the "Noiseless" Sifter over all other kinds is that in its action it is, as its name implies, perfectly NOISELESS, and it is also very EASILY worked.

The "Noiseless" Sifter can be fixed to any size or shaped Bin.

Any of our Dust Bins can be made specially to any other size than those quoted for, and at proportionate prices.

BRABY'S GALVANIZED IRON DUST BINS AND CINDER SIFTERS. AS APPROVED BY THE SANITARY COUNCIL OF THE INTERNATIONAL HEALTH EXHIBITION.

Sanitary Dust Bin with Patent Noiseless Cinder Sifter.



No 70 Pattern

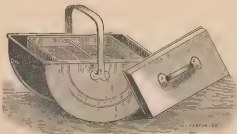
Size Numbers	Widths	Depths (Front to Back)	Heights at Back	Heights at Front	PRICES.	
					1st. Quality.	2nd. Quality.
	ft. in.	ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.
1	1 8	1 4	2 1	1 11	2 7 6	1 5 0
2	1 10	1 6	2 7	2 5	2 13 0	1 10 6
3	2 0	1 8	3 1	2 10	3 2 6	1 18 6
4	2 6	1 10	2 8	2 4	3 5 0	2 2 6
5	2 9	2 0	2 10	2 6	3 10 0	2 8 0
6	3 6	2 2	2 10	2 6	3 17 6	2 18 0
7	4 0	3 0	3 0	2 8	5 7 6	

The great advantage of a Cinder Sifter being combined with a Dust Bin, is that the dust from the cinders acts as a deodorizer and therefore as a disinfectant.

Can be had on wheels and with handles at an additional cost, according to size.

Can also be had if preferred without bottom, but with strong angle iron frame round sides at bottom instead, at above prices.

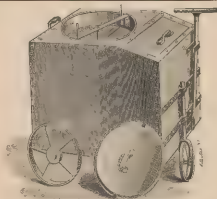
Rocking Cinder Sifter.



This article is strong, light, and durable. The part touching the ground whilst being rocked is protected by strong bars, and thus the sifter will last a very long time.

Sizes	11	14	18	22	24	Inches long.
Prices	4 6	5	6	8	10 6	13
						Each.

COOK'S "COMBINATION" GALVANIZED IRON CINDER BIN & SIFTER.



AWARDED A BRONZE MEDAL

BY THE NATIONAL HEALTH SOCIETY

The great advantage of a Cinder Sifter being combined with a Dust Bin is that the dust from the cinders acts as a disinfectant and therefore as a disinfectant.

The constant complaints of the Dust-hole Newscare have induced the above simple "Combination" to be brought out. By its adoption, the Dust-hole is altogether done away with. It may be used in any convenient position, adjacent to any building perfectly stationary, by the handle being turned at right angles and secured in a small lock attached for the purpose, as shown in the drawing. By raising the top round lid, the cinders may be placed in the sifter, and by a few rotary movements, which are quite noiseless, with the handles attached, the cinders are completely sifted and can then be removed with perfect ease. When the bin is sufficiently full, it may be wheeled off the premises into the road by the Dustman, and there emptied of its contents by lifting the sliding lock, thereby saving a great amount of labour hitherto incurred.

The accumulation of rubbish under the old system is both disagreeable and unhealthy, but by the adoption of this simple machine the nuisance is effectively abolished, and the inventor feels most anxious that taking into consideration its advantages, both hygienic and economic, and the low price at which he is enabled to place it on the market, it will become a necessary boon to public institutions.

The above being strongly made with angle iron corners, and galvanized after made, guarantees its durability.

PRICES.

Numbers.	Lengths.	Widths		Depth of Bodies.	£	s.	d.
		Of Bodies.	Over All.				
	ft. in.	ft. in.	ft. in.	ft. in.			
1	2 4	1 6	2 0	1 9	4	4	0
2	2 8	1 9	2 3	2 1	5	6	0
3	3 0	2 0	2 6	3 0	6	9	0

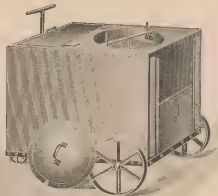
India-Rubber Tyres to Wheels extra.

Larger Sizes made to order.

BRABY'S COMBINED GALVANIZED IRON CINDER BIN AND "NOISELESS" SIFTER.

Braby's Combined Galvanized Iron Cinder Bin and "Noiseless" Sifter.

No 75.



HINGED DOOR ON TOP.

SLIDING DOOR IN BACK

EXTRA STRONG.

BODY MADE FROM 16 GAUGE PLATE IRON.

Numbers.	Dimensions of Body						Width over all.	PRICES.			
	Length.		Width.		Depth.			£	s.	d.	
	ft.	in.	ft.	in.	ft.	in.					
1	2	6	1	6	1	11	2	3	3	12	0
2	2	3	1	9	2	2	2	6	4	0	0
3	3	0	2	0	2	10	2	9	4	12	0

INDIA RUBBER TYRES TO WHEELS EXTRA.

CAN BE SUPPLIED TO ANY OTHER DIMENSIONS. PRICES UPON APPLICATION.

GALVANIZED IRON AUTOMATIC CINDER SIFTER & DUST BIN, & COMBINATION PAIL.

SANITARY AND ECONOMIC (PATENTED).

No. 76.

GALVANIZED AFTER MANUFACTURED.

The Cinder Box is especially constructed for ready removal and replacement.

The Dust, etc., is received in either a movable drawer, or in the body of the Bin.

The front portion of bottom of Bin (marked B on section) lifts up, for convenience of emptying the refuse.

The dust, etc., drawer is only recommended when the dust has to be carried through the house.

Refuse which cannot be destroyed on the house fire, is put into Bin through Cinder Box opening.

Handles are fixed at sides and back for convenience of moving and emptying Bin.

Can be supplied suitable for placing over Dust Shoots from upper floors.

The following are some of the advantages of this Combination Bin :—

The Dust from the Cinders acts as a deodorizer and therefore as a disinfectant.

Occupies only a small space (25 inches by 17 inches).

Is the servants' friend as it saves trouble and prevents dirt.

Can be used inside or outside the house.

Makes the dustman's duties rapid and cleanly.

Is thoroughly Sanitary, and a Domestic Economiser.

Will repay its first cost in a few months.



DIMENSIONS: 1 ft. 5 in. wide x 2 ft. 1 in. deep (front to back) x 3 ft. 6 in. high at back and 2 ft. high at front.

PRICE 35 . If fitted with Dust Drawer, 7/- extra.

Housemaid's Combination Pail.

As will be seen by the Illustration this Pail has a recess at top for Brushes, &c. When sifting Cinders it will be found both Noiseless and Dustless.



PRICES.

11 inches diameter	...	6 each.
12 " "	" "	8 " "
13 " "	" "	10 " "

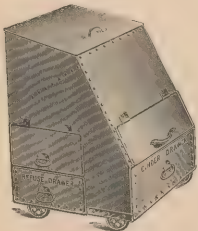
GALVANIZED IRON AUTOMATIC CINDER SIFTER & DUST BIN.

(Headley's Patent.)

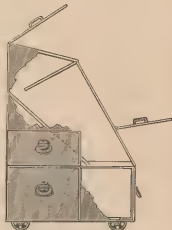
SANITARY AND ECONOMICAL.

No. 77.

GALVANIZED AFTER MANUFACTURED.



This Cinder Sifter and Dust Bin will be found to be very economical and will repay its first cost in a very short time, as it prevents all waste and saves time and labour. Both the Cinder and Refuse Drawers are especially constructed for ready removal and replacement. The Sifter is so constructed that it is impossible for the Dust to fall into the Cinder Box. The complete article is on four strong wheels and can be easily moved from place to place.



SECTION

DIMENSIONS:—1 ft. 8-in. wide \times 2-ft. 0-in. deep (front to back) \times 3-ft. 2-in. high at back (including wheels).

PRICE: £3 0 0.

We also supply a smaller size (Length 2 ft. 2 in., width 1 ft. 7 in., depth back to front 1 ft. 3 in.), for Cinders and Dust only, and not for refuse. This has handles for lifting, and is not on wheels.

PRICE: £2 0 0.

QUOTATIONS FOR SPECIAL SIZES ON APPLICATION.

SANITARY RECEPTACLE, ASH SKEP AND DUST PAILS.



Galvanized Wrought Iron Air-Tight Sanitary Receptacles.

(GALVANIZED AFTER MANUFACTURED.)

18 inches diameter at top, 16 inches diameter at bottom, 18 inches deep outside.

These Sanitary Receptacles have, as will be seen by the illustration, a very strong steel spring with hinged catches on top of cover, and under the rim of the cover is fixed a pliable rubber ring. When cover is fixed, by pressing down the steel spring, the catches firmly grip the top angle iron rim of the pan, and thus a constant pressure is obtained and the rubber ring effectually prevents any emissions, and in fact makes the Receptacle perfectly air-tight.

PRICES, EACH :

Complete, with cover, as illustration

s. d.

19 0

Extra Bodies

.. 10 0

Galvanized Iron Ash Skep.



Stout hooped foot, Strapped bottom, Plated handles.
(Galvanized after Manufactured.)

Diameter at Top.	Depth.	PRICES, each. (Including Cover.)			
		First Quality.		Second Quality.	
Inches.	Inches.	s.	d.	s.	d.
16	18	8	6	7	6
18	22	10	1	9	3
21	27	13	3	12	6

Galvanized Wrought Iron Sanitary Dust Pails.



No. 1.



No. 2.

(Strongly made and Galvanized after Manufactured.)

Diameter at Top.	Depth Inside.	PRICES, per doz n., at either Pattern.	
		With Covers.	Without Covers.
Inches.	Inches.	s.	d.
11	14	65	48

Galvanized Wrought Iron Sanitary Dust Pail.

EXTRA STRONG.



No. 3.

PRICES.

STRAIN-
WELDED
BAND
ROUND
TOP, AND
STRONG
WELDED
ANGLE
IRON RING
AT
BOTTOM.

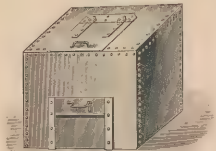
16 INCHES
DIAMETER
AT TOP.
—
14 1/2 INCHES
DEEP.

With Cover. ... 54 per dozen.
With Lock Cover. ... 72 .
and supplied with one, three, or six portions of rope
of any size at the n and extra.

GALVANIZED IRON COAL BIN AND BUNKER.

Coal Bin.

No. 50A.



There is a special arrangement inside to prevent the coals falling out when the front door is opened.

Size Numbers.	Widths.	Depths (Front to Back.)	Heights at Back.	Heights at Front.	Approximate Capacity.	PRICES - EACH.		
						First Quality.		Second Quality.
						Galvanized.	Painted.	Galvanized.
	ft. in.	ft. in.	ft. in.	ft. in.		£ s. d.	£ s. d.	£ s. d.
1	1 8	1 4	2 1	1 11	1 1/2	2 4 0	1 17 0	1 11 0
1A	1 7	1 5	3 0	2 10	2	2 8 0	2 0 0	1 5 0
2	1 10	1 7	2 7	2 5	2 1/2	2 3 0	2 0 6	1 5 0
3	2 0	1 8	3 1	2 10	3 1/2	2 17 0	2 6 6	1 11 6
4	2 6	1 10	2 8	2 4	5	2 19 0	2 8 0	1 15 0
5	2 9	2 0	2 10	2 6	8	2 12 0	2 12 0	1 19 0
6	3 0	2 2	2 10	2 6	7	3 0 0	2 17 0	2 5 0
7	4 0	3 0	3 0	2 8	14	5 0 0	4 2 6	—

Can be had on wheels and with handles at an additional cost, according to size.

These are designed for placing in Kitchens and on upper floors of Houses, Hotels, &c., to avoid the necessity of frequent journeys to the general coal cellar.

WROUGHT IRON COAL BUNKER.

(GALVANIZED OR JAPANESED.)

The Quadrant Slide in front works quite freely, being encased with iron plates each side, and there is a plate also inside to prevent coals falling too quickly, as shown by dotted line.

These will be found very useful for Offices, Apartments, Kitchens, &c., as they avoid the necessity of frequent journeys to the general coal cellar.

DIMENSIONS & PRICES.

Lengths.	Widths.	Depths.	Capacities.	PRICES EACH.		
				Japanesed Black.	Japanesed Oak.	Galvanized.
ft. in.	ft. in.	ft. in.		£ s. d.	£ s. d.	£ s. d.
1 7	1 0	3 0	1 Sack (dwt.)	1 2 0	1 4 6	1 6 0
1 6	1 4	2 0	1 Sack (dwt.)	1 6 6	19 0	1 11 0



WITH GLASS DOOR

GALVANIZED IRON OFFAL PANS.



GALVANIZED IRON
OFFAL PANS.



No 1

Diameters.	Depths	PRICES, Each, (Including Covers)	
Inches.	Inches.	a	d
14	21	10	6
16	24	11	6
18	27	12	6
20	30	13	6
22	33	14	6
24	36	15	6
26	39	16	6
28	42	17	6
30	45	18	6

No. 2.

Depths.	PRICES, Each, (Including Covers)
Inches.	a. d.
21	13 6
24	14 6
27	15 6
30	16 6
33	17 6
36	18 6
39	19 6
42	20 6
45	21 6

These are made very strong.

SANITARY OFFAL PANS.



No. 3.
(Showing Cover Open.)

Galvanized Wrought Iron
AIR-TIGHT SANITARY OFFAL PANS.

These Pans have, as will be seen by the illustrations, a very strong steel spring with hinged catches on top of cover, and under the rim of the cover is fixed a pliable rubber ring. When cover is fixed, by pressing down the steel spring, the catches firmly grip the top angle iron rim of the pan, and thus a constant pressure is obtained, and the rubber ring effectually prevents any emissions, and in fact makes the pan perfectly air-tight.



No. 4.
(Showing Cover Fixed.)

These will be found now made for OIL Merchants, Tripe Dressers, Butchers, Fishmongers, Painters, and others, and will entirely prevent the escape of obnoxious gases so unpleasant and unwholesome to inhale.

They will also be found to fully meet the requirements of Sanitary Authorities, etc.

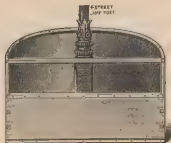
No. 3. (CIRCULAR.)				No. 4. (SQUARE.)			
Diameters.	Depths.	PRICES Each.		Square.	Depths.	PRICES Each.	
Inches.	Inches.	£	s. d.	Inches.	Inches.	£	s. d.
14	21	1	1 0	14	21	1	7 0
14	24	1	2 8	14	24	1	8 6
14	27	1	3 6	14	27	1	10 0
14	30	1	4 9	14	30	1	11 6
14	33	1	6 0	14	33	1	13 0
14	36	1	7 6	14	36	1	14 6
16	21	1	5 6	16	21	1	12 6
16	27	1	7 0	16	27	1	14 0
16	27	1	9 6	16	27	1	17 6
18	30	1	11 6	18	30	1	19 6

GALVANIZED IRON STREET ORDERLY BINS.

Street Orderly Bins, for Sand or Ballast.

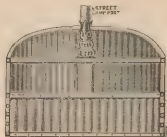
NEW PATTERN. CORRUGATED IRON.
(Registered).

No. 1.

Length
5ft. 8in.Height
3ft.Depth
(front to back)
at
centre
2ft. 1in.

Price, £3 12s. 0d.

No. 2.

Length
5ft. 8in.Height
4ft.Depth
(front to back)
at
centre
2ft. 1in.

Price, £3 7s. 6d.

The corrugations in this Registered Street Orderly Bin not only give rigidity to the article, but also a greatly improved appearance in comparison with those made out of plain iron.

The front portion of these Bins are secured by means of bolts and nuts to the bodies, and are thus easily put in place and as easily removed.

These Bins are in great request by Local Boards and others for the purpose of holding sand or ballast for watering over the streets in frosty weather, and are in constant use in some districts of London.

Galvanized after Manufactured.

Any other size or shaped Bin can be made.

WROUGHT IRON AND STEEL WHEELS.

Braby's Improved Wrought Iron Wheels.

VERY STRONG.



No. 1.

These Wheels are made of wrought iron with malleable steel bosses. The spokes are of strong flat bar iron twisted, and are riveted on to malleable steel bosses or naves instead of being let into cast iron; by the latter arrangement the spokes are very liable to become loose, and therefore useless, as they cannot be repaired, whereas by this new arrangement the spokes are not liable to become loose, and if they did they could easily be repaired.

PRICES, EACH.

Diameters	Tyres.	Spokes.	Sizes of Hole in the Boss or Nave.	Galvanised.	Painted.
10 inches	1 1/2 in. x 1/2	6	1 1/2 in. x 1/2 in. flat	£ 2 9	£ 2 8
12 "	1 1/2 " x 1/2 "	6 "	1 1/2 " x 1/2 " "	0 3 6	0 2 9
14 "	1 1/2 " x 1/2 "	6 "	1 1/2 " x 1/2 " "	0 4 0	0 3 0
16 "	2 " x 1/2 "	6 "	1 1/2 " x 1/2 " "	0 5 6	0 4 8
18 "	2 " x 1/2 "	6 "	1 1/2 " x 1/2 " "	0 7 0	0 5 6
20 "	2 1/2 " x 1/2 "	6 "	1 1/2 " x 1/2 " "	0 8 3	0 6 6
22 "	2 1/2 " x 1/2 "	6 "	1 1/2 " x 1/2 " "	0 11 0	0 7 8
24 "	2 1/2 " x 1/2 "	6 "	1 1/2 " x 1/2 " "	0 11 0	0 9 3
27 "	2 1/2 " x 1/2 "	6 "	1 1/2 " x 1/2 " "	0 14 6	0 11 6
30 "	2 1/2 " x 1/2 "	6 "	1 1/2 " x 1/2 " "	0 18 0	0 14 0
36 "	2 1/2 " x 1/2 "	6 "	1 1/2 " x 1/2 " "	1 1 6	0 17 0

* 10 in. to 22 in. wheels have 6 spokes; 24 in. and upwards have 8 spokes.

These Wheels can be supplied with either square or round holes in the bosses or naves, but they are kept in stock as stated above and which will be supplied unless otherwise ordered.

Other sizes can be supplied to order. Spindles supplied when required. Prices for same according to length and thickness.

Malleable Unbreakable Steel Wheel.

THE "SAMSON."



SPOKES NOT RIVETED

THROUGH TYRE OR AXLE.

No. 2.

Width of Tyre 2 inches.

ARE NOW SUPPLIED TO ALL BRABY'S TUBULAR STEEL BARROWS (in place of the usual Cast Wheel) WITHOUT EXTRA COST.

15 16 18 20 in. Diam.
PRICE ... 7/6 7/6 7/6 7/9 each

Including Axle.

LARGER SIZES AT PROPORTIONATE PRICES.

(PATENTED IN ALL COUNTRIES.)

STREET ORDERLY BARROW AND ASHES OR OFFAL BARROW.

Galvanized Wrought-Iron Street Orderly Barrow.



DIMENSIONS OF BODY.

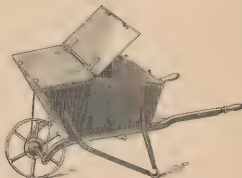
3 ft. 6 in. long \times 1 ft. 10 in. wide at top.
1 ft. 7 in. deep at front, 1 ft. 5 in. at back.

These Barrows are now used by London Vestries for Collection of Road Manure, &c., for which purpose they are found very useful, and can be strongly recommended.

PRICE £6 EACH,

Including Brackets and Reels for Broom, &c.

Wrought Iron Ashes or Offal Barrow.



Size of Body, 2 ft. 7 in. long, 2 ft. wide, 1 ft. 5 in. deep.

The Top is removable, and can be taken off without difficulty, making an excellent Leaf or Garden Barrow.

PRICES.

	Japanned all over	Body Galvanized, Framework Japanned.	Galvanized all over (Strongly recommended.)
	£ s. d.	£ s. d.	£ s. d.
With Cover	1 16 0	2 2 0	2 9 0
Without Cover...	1 12 0	1 15 0	2 2 0

IRON CINDER BARROW AND TUBULAR STEEL BARROW.

Galvanized Iron Cinder Barrow.



(GALVANIZED ALL OVER, INCLUDING WHEELS.)

Also suitable for carrying Fodder, Manure, &c. With Handles to turn over the lower part of back to serve as rests when stationary. Body is made of No. 20 Gauge Iron.

Tubular Steel Wheelbarrow.



No. 8.

This will be found a very useful Barrow for Garden purposes and general light work. VERY STRONG BUT LIGHT.

DIMENSIONS.

DIMENSIONS OF BODY.						STEEL WHEEL DIAM.	EXTREME HEIGHT OF BARROW	APPROX. WEIGHT.
For	Front	Back	Bottom.					
Length	Width	Depth	Depth	Length	Width			
in	in	in	in	in	in	in	in	lbs.
36	20	11	7	18	18 1/2	18	21	66

PRICES.—EACH.

Nos.	DIMENSIONS.				PRICES.			Extra for loose Covers	Ball & for Covers half covered and other half hinged.
	Length of Body.	Width of Body.	Width over all.	Depth of Body	Each.	£	s.	d.	
1	36	20	21 1/2	11	4 0 0	8	0	10	1
2	42	26	27 1/2	18	5 0 0	11	0	13	6

PAVEMENT ALL GALVANIZED BODY. 1 GALVANIZED ALL OVER

1	4	0	1	6	0	1	11	0
---	---	---	---	---	---	---	----	---

IMPROVED PORTABLE IRON WHEELBARROWS.

"Toy."



Nos. 0, 1, 1A, 1b and 1c.

"Lady's."



No. 2.

"Handy."



No. 2a

"Deptford."

With Strong Wired Edge round top.



Nos. 3, 4, 4A and 4b.

"Deptford."

With Strong Thick 1 in. Band round top.



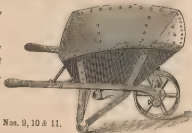
Nos 5 and 6.

"Fitzroy."

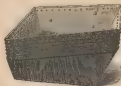


Nos. 7 and 8.

"Victoria."

Very strong, body
being made of
plate iron or steel.

Nos. 9, 10 & 11.



Bodies

As Packed for Shipment.



Frames

As Packed for Shipment

All above Barrows are now supplied with our latest improved Wrought Iron Wheel, for full particulars of which see page 223 (No. 1 Pattern).
See opposite page for Prices.

IMPROVED PORTABLE IRON WHEELBARROWS.

See opposite page for Illustrations

Approximate Measurements and Weights.

PRICES.

Patterns.	Numbers.	Dimensions of Bodies.										Tyres of Wheels. (Wrought).	Weights ap- proximate.	Japanned all over.	Galvanized body, Japanned Frame.	Galvanized all over		
		Lengths at Top.		Widths at Top.		Lengths at Bottom.		Widths of Bottom at Back.		Depths at Front.							Depths at Back.	
		ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.	in.	in.			
"Toy "	0	0	11½	0	9½	0	8	0	7½	0	4½	0	1½	—	4	£ s. d. 0 2 6		
"	1	1	14	0	11	0	9	0	8½	0	6	0	2	—	6	0 3 0		
"	1A	1	4	1	1	0	10½	0	9½	0	7	0	2½	—	10	0 4 9		
"	1B	1	6	1	2	1	0	0	10½	0	8½	0	3	—	12	0 5 3		
"	1C	1	8	1	4	1	1	1	10	0	11	0	3½	—	11	0 7 3		
Lady's	2	1	10	1	6½	1	11	1	14	1	0	0	5	12 x ½	30	0 14 0		
"Handy"	2A	2	0	1	8	1	3	1	3	1	1	0	5½	11 x 11	34	0 16 6		
"Deptford "	3	2	1	1	9	1	3	1	3	1	2	0	5½	10 x 10	42	0 18 6		
"	4	2	4	1	11½	1	4	1	5	1	3	0	6	11 x 11	50	0 10 0		
"	4A	2	6	2	1	1	7	1	6½	1	4	0	8½	12 x ½	62	1 1 6		
"	4B	2	10	2	3	1	9	1	8	1	5	0	7	11 x 11	70	1 3 6		
"	5	2	6	2	1½	1	7	1	5	1	1½	0	6½	11 x 11	66	1 7 0		
"	6	2	9	2	3	1	8	1	6	1	3	0	7	11 x 11	74	1 9 0		
"Fitzroy " ...	7	2	6	2	0	1	8	1	5	1	1	0	6½	12 x ¼	85	1 3 6		
"	8	2	9½	2	3	2	0	1	7½	1	3	0	7½	11 x 11	78	1 6 6		
"Victoria " ..	9	3	2	2	6	1	5½	1	5	1	7½	1	0	108	2 5 0	2 9 0		
"	10													120	2 9 0	2 15 0		
"	11													132	2 14 0	3 1 0		
If with Angle Iron frame all round body outside at top															extra	0 3 6	0 3 0	0 3 9

The bodies of the Victoria Barrows are made of 16, 14 and 12 Gauge for, respectively, Nos. 9, 10 and 11.

If wider tyres of wheels than above are required, they can be supplied at an extra of 9d. per $\frac{1}{4}$ inch.

These Wheelbarrows are so arranged, that the weight, as far as possible, is taken off the handles when being used, and transferred to the front part.

Barrows Nos. 2A, 3, 4, 4A, and 4B, can be specially recommended for Garden Purposes.

PATENT TUBULAR STEEL BARROWS.

All Single-Wheel Barrows supplied with Patent "Samson" Wheel. Frames, Bodies, and Wheels entirely of Steel.

The "Gasworks" Tilting Barrow.

IMPROVED



DESIGN.

No.	Thickness of Steel Body	Approximate Measurements and Weights.							PRICES—EACH.		
		Top.	Front.	Back.	Bottom.	Steel Wheel.	Extreme Height.	Weight.	Japanned all over.	Galvanized Body, Japanned Frame.	Galvanized all over.
		Long. Wide.	Deep.	Deep.	Long. Wide.	Diam.			£ s. d.	£ s. d.	£ s. d.
1	12 & 11 W.G.	42 x 34 in.	22 in.	15 in.	25 x 27 in.	18 in.	30 in.	108 lbs.	4 0 0	4 10 0	5 0 0
2	12 & 11 W.G.	40 x 32 in.	20 in.	10 in.	25 x 27 in.	18 in.	28 in.	150 in.	3 16 6	6 0	1 15 0

No. 2a for use in Steamships, same Design as above, but 24 in. wide, at same prices as No. 2.

The "Ironworks" Coke, Coal, or Ash Barrow.

IMPROVED



DESIGN.

Please note the Frame is continued Round Wheel on all Home Orders unless ordered to the contrary.

No.	Thickness of Steel Body.	Approximate Measurements and Weights.							PRICES EACH.		
		Top.	Front.	Back.	Bottom.	Steel Wheel.	Extreme Height.	Weight.	Japanned all over.	Galvanized Body, Japanned Frame.	Galvanized all over.
		Long. Wide.	Deep.	Deep.	Long. Wide.	Diam.			£ s. d.	£ s. d.	£ s. d.
3. Coke	14 W.G.	41 x 36 in.	24 in.	12 in.	20 in. x 21 & 18 in.	18 in.	30 in.	140 lbs.	2 19 0	3 8 0	3 16 0
4. Coke	14 W.G.	39 x 33 in.	22 in.	10 in.	20 in. x 21 & 18 in.	18 in.	28 in.	132 in.	2 15 0	3 4 0	3 10 0
5. Coal	14 W.G.	36 x 30 in.	21 in.	10 in.	18 in. x 18 & 14 in.	18 in.	26 in.	112 in.	2 11 6	2 18 0	3 0 0
6. Ashes	14 W.G.	40 x 34 in.	20 in.	13 in.	18 in. x 18 & 14 in.	18 in.	27 in.	102 in.	2 8 6	2 11 6	3 1 0
7. Coal	14 W.G.	36 x 31 in.	17 in.	7 in.	18 in. x 18 & 14 in.	18 in.	23 in.	86 in.	2 7 6	2 13 6	2 19 0

No. 7a for use in Steamships, same Design as above, but 24 in. wide, at same prices as No. 7.

N.B.—DRAWINGS AND ESTIMATES SUBMITTED FOR BARROWS OF ANY OTHER DESIGN OR SIZE.

PATENT TUBULAR STEEL BARROWS.

All Single-Wheel Barrows supplied with Patent "Samson" Wheel. Frames, Bodies, and Wheels entirely of Steel.

The "Foundry" Barrow.

IMPROVED



DESIGN.

Please note the Frame is continued Round Wheel on all Home Orders unless ordered to the contrary.

SIZE.	Steel Body.	Top.	Front.	Back.	Bottom.	Steel Wheel.	Extreme H. of Wheel.	Approx. Wt. Lb.	Japanned all over.	Galvanised Body Japanned Frame.	Galvanised all over.
No. 8.	14 W.G.	Long. 34 x 29 in.	Wide. 14 in.	Deep. 7 in.	Long. 18 in.	Wide. 18 1/2 in.	Diam. 18 in.	21 in. 91 lbs.	£ s. d. 2 3 0	£ s. d. 2 8 0	£ s. d. 2 14 0

No. 8a suitable for use in Mines, same Design as above, but smaller, at same prices.

The "Pig Metal" Barrow.

IMPROVED



DESIGN.

Please note the Frame is continued Round Wheel on all Home Orders unless ordered to the contrary.

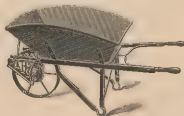
SIZE.	Steel Body.	Bottom.	Front.	Steel Wheel.	Approx. Weight.	Japanned all over.	Galvanised Body Japanned Frame.	Galvanised all over.
No. 9.	1 1/2 in thick	20 long x 21 in. wide at widest part.	Deep. 12 in.	Diam. 18 in.	91 lbs.	£ s. d. 2 3 0	£ s. d. 2 7 6	£ s. d. 2 14 0

N.B.—DRAWINGS AND ESTIMATES SUBMITTED FOR BARROWS OF ANY OTHER DESIGN OR SIZE.

NAVY BARROWS.

BRABY'S WROUGHT IRON NAVY BARROWS.

FITTED WITH HOULDSWORTH'S PATENT MALLEABLE IRON BEARINGS.



By the application of these Patent Bearings, the load is thrown upon the wheel, so that the weight on the arms of the user is practically nothing, or the wheel may be adjusted so that the load is divided either equally or otherwise, as may be desired, between its user and the wheel, by which means the Barrow is adapted for either level or inclined runs. By slightly loosening (not breaking) the Thumb Screw and sliding the Holding Plate so that its other end is clear of the hole it fits into, and turning it on one side, the wheel may be changed instantly from any one position to any other. It is recommended that the axle of wheel should be in one of the two lower holes for level runs, while for ascending inclines, it should be in either of the two upper holes, according as the user finds to his advantage.

DIMENSIONS AND PRICES.

Approximate Measurements.							PRICES, EACH.			
Numbers.	Dimensions of Bodies.						Tyres of Wheels. (Wrought).	Expanded steel cover.	Galvanized Body, Jagged Frame.	Canvas Body, over Frame.
	Lengths at Top.	Widths at Top.	Lengths at Bottom.	Widths of Bottom at Back.	Depths at Front.	Depths at Back.				
	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	in. in.	£ s. d.	£ s. d.	£ s. d.
1	2 6	2 1½	1 7	1 5	1 1½	0 6½	2 × ½	1 12 0	1 14 6	2 2 0
2	2 9	2 8	1 8	1 6	1 8	0 7	3 × 3	1 14 0	1 16 6	2 4 0

These Patent Bearings can be supplied to any of our Wheel barrows shown on page 275 at a gross extra per Barrow of 7 s. if Japanned, and 5 s. if Galvanized.

IRON SACK TRUCK AND TROLLEY.

The "SURREY" Barrows or Trucks.

(TURNER'S PATENT).

SACK
BARROWS,
LUGGAGE
BARROWS,
TO SUIT
ALL
REQUIRE-
MENTS.



No. 1 & 2.



No. 3.

SIMPLE,
RIGID,
DURABLE,
LIGHT,
HANDY,
AND
CHEAP.

PRICES.

Japaned.

Galvanized

No.				£ s. d.		£ s. d.	
No. 1	...	...	...	0	15	9	0
" 2	...	...	...	0	16	9	0
" 3	...	...	...	0	18	6	0

The side rails of these Barrows or Trucks are made of Steel, bent into U shape, and are exceedingly strong and yet light; the cross stays and feet are so constructed as to render the barrow very rigid, and able to withstand the roughest usage.

Sack Truck.

SIZES AND PRICES.

Size	Lengths.	Widths at Handles.	Japaned.		Galvanized	
	ft. in.	ft. in.	s.	d.	s.	d.
1	3 6	1 4	12	0	11	3
2	3 10	1 6	13	6	15	9
3	4 2	1 7	14	0	17	3
4	4 6	1 8	16	6	18	9

Prices include Wrought Steel Wheel Guard.

For Shipment the Wheels and Axles are packed separately, and thus the cost of freight is very small.



Hand Trolley.

All Iron—Strong.



PRICES.—Japaned, 26/6; Galvanized, 31/6 (which are strongly recommended)

Wheels 10-in. Diameter.

If with wrought wheels 14 inch diameter, instead of cast 10 inch diameter, 5/3 per Trolley extra.

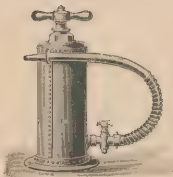
For shipment the Wheels and Axles are packed separately, and thus the cost of freight is very small.

BRABY'S IMPROVED FORCE PUMPS OR SERVICE CLEANERS.

Height over all 33 inches.

Diameter 5 inches.

Manufactured of stout tuned
iron, strongly riveted, and
with stout flanged plate for
feet.



No. 1.

Above can be had with a bell-shaped Nozzle (additional) for cleaning pipes of baths, sinks, &c., at 6/- extra (gross).

Compared with those now in use. OUR "IMPROVED" FORCE PUMPS OR SERVICE CLEANERS have the following very important advantages:

The Pump being enclosed in air-holder cannot become damaged

The valves are so constructed that the Pump works much easier, and the valves themselves are not liable to get out of order.

They may be carried under the arm easily; and the cost is considerably less.

These Pumps have been tested by Engineers and Inspectors of Gas Works, and are considered preferable to the old kind for the above reasons, more especially as the valves may be always depended upon.

They have been supplied to the undermentioned Gas Works:—

SOUTH METROPOLITAN.
GAS LIGHT & COKE COMPANY.
THE LONDON.
WINDSOR ROYAL.
WHITTHAVEN.
DARLINGTON.
DORCHESTER.
HASTINGS.
LONDON.

STOURBRIDGE.
YORK.
READING.
BLISFORD.
OLDURY.
P. TARDQUOCH.
MUSMOUTH.
EVSAM.
ST ALBANS.

EQUITABLE.
CRYSTAL PALACE DISTRICT.
RYDE.
MILKSHAM.
COMMERCIAL.
BEDFORD.
ATLESBURY.
WHITTINGBORO.
&c. &c.

AND TO GAS-FITTERS.

The Pumps are tested up to 100 lbs. pressure and can be made to order to stand any pressure that may be required.

20 of these Pumps have been supplied to the different Stations of the Gas Light and Coke Company, London since when further orders have been received.

Old Pumps sent from any distance will be thoroughly repaired, have our improved Valves fitted, and new Buckets if required.

STREET
LAMP FORCE PUMP

No. 3.

This Pump is specially constructed as a Service Cleanser for cleaning the Service Pipe of Street Lamps, and does away with the use of Gunpowder. The Valves and Bucket are made on the same principle as those in our large Force Pumps.

It has been designed so that it is small and can easily be carried by a man with a ladder.

These Pumps have been tested by various Gas Companies, who have expressed their great satisfaction with same.

PRICE.

£2 2s. 0d. each.

Case (not returnable as only actual cost is charged) 2/3

BRABY'S IMPROVED BELL-SHAPED FORCE PUMP AND OIL PUMP.

Height over all,
26 inches.



No. 2.

Diameter of Air Chamber at
base, 11 inches.

IMPROVED
HANDY OIL PUMP.

2½ in. Bore. 3 feet 6 inches long.

BESS TUBES AND VALVES.

PROBABLY RELIABLE.

WORKS EASILY.

This Pump will be found very useful for emptying Oil out of Barrels; will empty a Barrel of Oil in five minutes.

PRICE.

18s. 8d. each.

This Pump is very strongly made throughout; the tube is of stout brass, solid drawn. The valves are of simple construction and are not easily liable to get out of order. The leather bucket can be easily expanded when necessary by simply turning a nut. The air chamber is made of plate steel, galvanized after manufactured, with stout stamped steel bottom, and solid welded angle iron ring outside, strongly riveted.

This Pump is tested to a pressure of 100 lbs.

There is a filling plug at top of air chamber, and a pipe attached to top inside of the chamber to conduct any liquid when used for cleaning purposes.

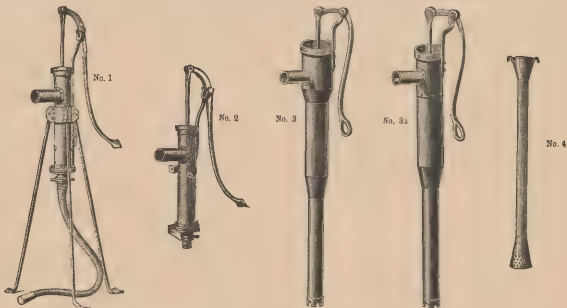
PRICE (including hose and extra Rubber for Nozzle), £4 10s. 0d.

Can be had with a bell-shaped Nozzle (additional) for cleaning pipes of boilers, stoves, &c., at 6s. extra (gross).

Case (not returnable, as only actual cost is charged), 3/-

Old Pumps sent from any distance will be thoroughly repaired, have on Improved Valves fitted, and new Buckets if required.

GALVANIZED WROUGHT IRON PUMPS.



Especial attention is called to the Light Weight of these Pumps, and their consequent advantage for Export.

We also make Deep-Well Galvanised Contractors' Pumps for various purposes.

On account of their extreme Portability, Durability, and Low Cost, they are especially suited for Contractors' use.

These Pumps are very strongly made, and carefully Jointed to prevent Leakage, and the Barrels are all Galvanized after Manufactured.

For prices and particulars see Page 235.

GALVANIZED WROUGHT IRON PUMPS.

No. 1—Represents our Improved Portable GALVANIZED WROUGHT IRON PUMP ON LEGS, which is arranged to fold up when not in use; the Barrel may also be raised or lowered at convenience. It is very useful, on account of its portability, for many purposes, especially for pumping liquid manure, and for Contractors' use. Hose-Pipe is supplied at prices named below.

No. 2—Is precisely the SAME STYLE OF PUMP AS No. 1, but, as will be seen, is provided with Straps to Screw to Cart, &c.; or, if desired, we supply this Pump with Hooked Fastenings for easy removal from Carts when required.

Nos 3 & 3a—Are Drawings of Portable GALVANIZED WROUGHT IRON PUMPS, 7 ft. 6-in. under Spout, which are in great demand for Contractors' use; also for Barges, pumping liquid manure, &c. These Pumps may be had to screw together in convenient lengths.

No. 4—Represents our SLIDING SUCTION PIPE, 8-ft. long, for Nos. 3 & 3a Pumps, which is made sufficiently large to fit over the various sizes of Pipe, and is inclusive of Funnel shaped top for making Joint and Strainer at bottom, as shown in illustration. This is a very convenient arrangement to have when the liquid has to be raised from variable depths for excavating or sinking purposes.

The various lengths of Suction Pipe for Nos. 3 and 3a Pumps are all Screwed, so they may be easily attached and detached as required.

For Illustrations see Page 234.

PRICES.

	BORE OF WORKING BARREL ..	3-in.	4-in.	4½-in.	5-in.	6-in.	7 in.	8-in.
	BORE OF SUCTION PIPE OR ROSE ...	1½-in.	2 in.	2½-in.	3-in.	3½-in.	4-in.	4½-in.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
No. 1 Pump, Complete, as per Engraving, with Legs 5-ft. 6-in. long, with Brass Connecting Piece for 2-in. Hose, but without Hose...		2 10 0	2 5 0	3 0 3	3 7 6	5 17 0	..	...
No. 2 do. do.		1 16 0	2 0 0	2 5 0	2 13 6	3 2 6	..	..
Nos. 3 & 3a do. do. 10-ft. high, 7-ft. 6-in. under Spout ...		2 7 6	3 0 0	3 7 6	3 15 6	4 10 0	5 10 6	7 10 0
No. 4 Sliding Suction Pipe, 8-ft. long, for Nos. 3 & 3a Pumps. ...		1 4 0	1 7 0	1 7 0	1 13 0	2 2 0	2 11 0	2 11 0
Extra for Galvanized Suction Pipe for Nos. 3 & 3a, per foot ...		0 1 0	0 2 0	0 2 0	0 3 0	0 4 3	0 5 0	0 5 0
Extra for Best 2-ply Wire Embedded Suction Hose, per foot ...		0 2 0	0 3 6	0 3 6	0 4 6	0 4 9	..	..

GARDEN PUMPS.

Improved Portable Garden Pumps.

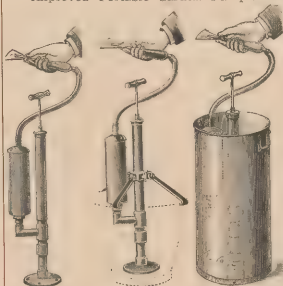


Illustration of Pump.

Illustration of Pump with
Grappling Irons.
No. 2.Illustration of Pump with
Bucket complete

This is an admirable little Pump, and is made very similar to the Number One, throwing a *continuous* jet of water a distance of about 40 feet. It will be found invaluable in Gardens and Conservatories. It can also be used for Cleaning Windows and is a very useful little article in case of a small fire. The Pump, when supplied with Grappling Irons, can be used with any ordinary pail, and is very easily fixed in same.

The Bucket is Galvanized Iron and Painted inside and outside. The following prices include both Jet and Spreader.

Pumps—Pump only	...	...	30	each.
" " and Grappling Irons	...	...	33	"
" " " Bucket complete	...	...	36	"

The "Deptford" Zinc Garden Pump.

WILL THROW A JET OF WATER A DISTANCE OF 40 FEET.

SIMPLE.

EFFECTIVE.

Nothing to get out of order.



This will be found a very useful Pump for Watering Gardens, Cleaning Windows, &c.

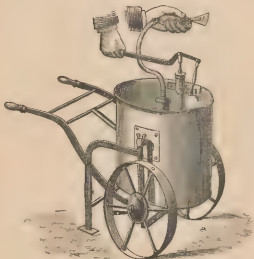
PRICE (with Jet and Spreader complete)

57s. per dozen.

For Contractors' and other Pumps, see pages 232 to 235.

GARDEN ENGINES.

Improved Powerful Garden Engines.

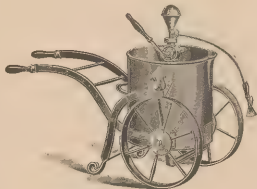


No. 1.

THESE GARDEN ENGINES are well made and well finished; the brass tube of the Pump is protected by a galvanized iron tube, and thus cannot be injured. The Valves are made in an improved way, also the "Bucket" of the Pump, when worn, can be expanded by turning a small screw. It is very easily worked, and will throw a *continuous* stream a distance of about 40 feet with ease. The prices include both Jet and Spreader.

PRICES for the Engine Pumps only inclusive of fixing in Water Barrows:

PUMPS for 12 and 15 gallon size Barrows	£	1
" 20 and 30 "	2	7 6
" 40 and 50 "	2	10 0
" " "	2	15 0



No. 3.

THIS EFFECTIVE GARDEN ENGINE is fitted with a patent "Wilcox Farrington" Semi-Rotary Pump and Copper Air Vessel.

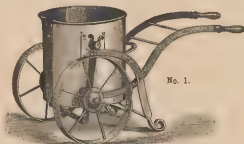
It is very powerful and is easily worked.

Prices given below are for Engine Pumps only, with Copper Air Vessel, and are inclusive of Hose, Jet and Spreader, and fixing in Water Barrows

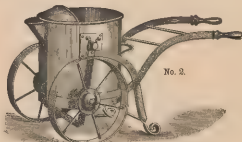
Cast iron Pump with Gun Metal Valves	£	5	0	each.
Gun Metal Pump (recommended)	2	15	0	"

To the above prices of PUMPS add the prices of WATER BARROWS on page 248 to arrive at the prices for the complete Garden Engine.

GARDEN SWING WATER BARROWS.



No. 1.



No. 2.

Wrought Iron Frames, and Broad Tyred Wrought Iron Wheels. Casters are oval, and with Wrought Iron Lugs and Bottoms strongly strapped.
No Cast Iron used in the manufacture of above.

Con- tents.	Ex- treme Widths	1st QUALITY. (Extra Strong.)				2nd QUALITY. (Strong.)				3rd QUALITY. (Strong.)			
		*Galvanized all over (including Wheels).	Painted Frame Galvanized Castern.	*Galvanized all over (including Wheels).	Painted Frame Galvanized Castern.	*Galvanized all over (including Wheels).	Painted Frame Galvanized Castern.	*Galvanized all over (including Wheels).	Painted Frame Galvanized Castern.	*Galvanized all over (including Wheels).	Painted Frame Galvanized Castern.	*Galvanized all over (including Wheels).	Painted Frame Galvanized Castern.
Galls.	ft. in	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
12	2 2	1 18 6	1 13 6	1 12 6	1 9 6	4 6 3 9	4 6 3 9	12	2 2	2 0 0	1 19 0	1 14 6	1 11 6
15	2 3	2 0 0	1 10 0	1 15 0	1 11 0	5 0 4 0	5 0 4 0	15	2 3	2 3 6	1 18 6	1 17 0	1 13 0
20	2 5	2 6 6	2 1 0	2 1 0	1 15 0	5 0 4 0	5 0 4 0	20	2 5	2 8 6	2 3 0	2 2 6	1 18 0
30	2 7	2 16 6	2 8 6	2 6 6	2 0 0	6 0 5 0	6 0 5 0	30	2 7	2 18 6	2 11 0	2 10 0	2 3 6
40	2 10	3 5 6	2 13 6	2 18 6	2 10 0	7 0 5 9	7 0 5 9	40	2 10	3 9 0	2 19 6	3 2 0	2 13 0
50	2 10	3 10 0	3 2 6	...	...	8 0	8 0	50	2 10	3 14 6	3 4 6	...	...

* This is very strongly recommended, being a really good article. Never rusts, and therefore never requires painting.

The Galvanized Casters or Bodies can be supplied *price of retail* if desired, at the following extras: 12 and 15 Gallons, 2s.; 20 and 30 Gallons, 2 6; 40 and 50 Gallons, 3/- each.

If Cast Wheels, and of the steel stainer diameter, for Cast Wheels, 2/- each less. Cast Wheels cannot be recommended as they are so liable to rust.

The 40 and 50 Gallon sizes can be supplied with 2 inch Tubular Shafts for small Pony or Donkey, Galvanized 3s.; Painted 30/- extra.

Strong Wood Wheels, made of Ash, with Lignum-Vita Naves or Buses, can be supplied instead of Iron Wheels, at the following extras: 12 and 15 Gallons, 15/-; 20 Gallons, 17/-; 30 Gallons, 18 6; and 40 and 50 Gallons, 20 6 per Barrow.

SWING WATER BARROW BODIES, AND PORTABLE GARDEN CISTERN.

Swing Water Barrow Bodies only.



OVAL IN SHAPE.

BROAD STRAPS ACROSS BOTTOM AND
TURNED UP AT SIDES.

GALVANIZED AFTER MANUFACTURED.

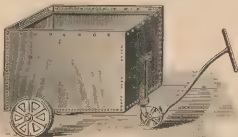


Gallons	12	15	20	30	40	50
1st qual. (Ex.Strong)	12.6	13.6	15.6	18.0	21.0	25.0
2nd qual. (Strong)	10.6	11.6	13.0	15.6	18.6	..

Gallons	12	15	20	30	40	50
1st qual. } (Ex. Strong)	15/0	16/6	18 6	21/0	24/0	28/0
2nd qual. } (Stroene)	15/0	14 6	16/0	18/6	21/6	...

These Galvanized Bodies can be painted outside if desired at the following extras:—12 and 16 Gallons, 2-; 20 and 30 Gallons, 3-; 40 and 50 Gallons, 3- each.

Portable Garden Cistern.



Suitable for conveying Water or Liquid Manure to Gardens, or as a Portable Drinking Trough for Cattle.

Specially constructed to draw easily. The whole Galvanized (including the Wheels), therefore will not rust, and no part ever requires painting.

Galls	SIZES OF CISTERNS.			Gauge.	Total Widths.	PRICES. (Galvanized.)				
	Lengths.	Widths.	Depths.			Without Covers.	LESS CISTERNS. (16 Gauge) extra.			
	ft.	in.	ft.	in.	ft.	in.	£	s.	d.	
30	2	1	1	6	16	2	1	3	1	6
40	2	3	1	8	16	2	3	3	6	0
50 (a)	2	5	1	10	16	2	5	3	12	0
50 (b)	3	6	1	10	16	2	5	3	12	0

Other sizes can be supplied.

IRON HOSE REEL AND HOSE HOLDER.

Iron Hose Reel.



No. 133

This Reel, by a novel arrangement of lever handle and front wheel, is especially adapted for laying out or winding up hose without dragging it over the ground, thus avoiding any damage being done to the hose.

PRICES

Nos.	Diam	Widths.	Holding Hoses.	First Quality only.								
				* Galvanized all over (including Wholes). Non-Rustable	Japanned Frame Galvanized Reel.			Japanned all over.				
	in.	in.	ft. in.	£	s.	d.	£	s.	d.	£	s.	d.
1	17	14	200 of $\frac{1}{2}$	1	10	0	1	5	6	1	4	0
2	20	14	200 " $\frac{3}{4}$	1	12	6	1	7	1	1	5	6
3	23	16	300 " $\frac{3}{4}$	1	11	0	1	11	6	1	8	0
4	26	18	400 " $\frac{3}{4}$	2	1	0	1	15	6	1	11	6

* This is very strongly recommended, being a really good article. Never rusts, and therefore never requires painting.

Galvanized Iron Garden Hose Holder.

(REGISTERED)



Can be fixed against a door or wall.
Occupies very little space.
Will hold a large quantity of hose.

Very much cheaper than the ordinary
Hose Reel.
GALVANIZED AFTER MANUFACTURED.

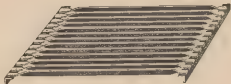
To those who do not wish to go to the expense of a Hose Reel, but who only require something to hold their Garden Hose neatly and safely when not in use, this article must commend itself.

It is also found very useful in Stables for hanging Harness upon.

PRICE: 24- per Dozen.

GALVANIZED WROUGHT IRON MATS.

No. 1.



The above will be found a most useful article for out-door use, being Galvanized after made, and from its special form of arrangement, very clean.

Lengths.	Widths.	PRICES, EACH.		Lengths.	Widths.	PRICES, EACH.	
Inches.	Inches.	s.	d.	Inches.	Inches.	s.	d.
15	12	3	8	24	14	5	0
18	12	3	6	27	14	5	3
21	12	3	9	30	12	5	3
21	14	4	3	30	11	5	9
				33	16	7	6
				36	18	9	6

Any other size made to order.

GALVANIZED WROUGHT IRON MATS.

No. 2.



These Mats are very strong and are practically indestructible. Can be made to fit deep recesses by having wide outside band and cross stays underneath.

No. 3.



THIS MAT is of similar description to No. 2, but lighter, and consequently cheaper.

Lengths.	Widths.	FIRST QUALITY.				SECOND QUALITY.			
		Made of $\frac{1}{2}$ in. Bar Iron.				Made of 14 Gauge Bar Iron.			
		$\frac{1}{2}$ inch deep. EACH.		$\frac{3}{4}$ inch deep. EACH.		$\frac{1}{2}$ inch deep. EACH.		$\frac{3}{4}$ inch deep. EACH.	
Inches.	Inches.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.
24	14	0 10 0	0 12 6	0 7 6	0 9 3	0 10 0	0 12 3	0 11 3	0 13 6
27	16	0 13 6	0 17 0	0 10 0	0 12 3	0 11 3	0 13 6	0 12 3	0 14 6
30	14	0 13 6	0 17 0	0 10 0	0 12 3	0 11 3	0 13 6	0 12 3	0 14 6
30	16	0 15 3	0 18 0	0 11 3	0 13 6	0 12 3	0 14 6	0 13 6	0 15 0
30	18	0 17 0	0 19 0	0 12 3	0 14 6	0 13 6	0 15 0	0 14 6	0 16 0
36	16	0 17 3	0 19 0	0 13 3	0 15 0	0 14 6	0 16 0	0 15 0	0 16 6
36	20	1 1 0	1 1 6	0 15 3	0 17 0	0 16 0	0 17 6	0 16 0	0 17 6
42	18	1 2 0	1 2 6	0 16 0	0 17 6	0 16 0	0 17 6	0 16 0	0 17 6
42	20	1 3 6	1 4 0	0 17 6	0 18 0	0 17 6	0 18 0	0 17 6	0 18 0
42	24	1 7 6	1 14 0	1 0 0	1 6 0	1 0 0	1 6 0	1 0 0	1 6 0
48	20	1 6 0	1 11 6	0 18 0	1 3 0	1 0 0	1 6 0	1 0 0	1 6 0
48	24	1 9 0	1 16 0	1 1 0	1 7 0	1 1 0	1 7 0	1 1 0	1 7 0
48	30	1 13 6	2 2 0	1 5 0	1 11 6	1 5 0	1 11 6	1 5 0	1 11 6

Any other size made to order.

No.	Size.	Price.
1 ...	10 $\frac{1}{2}$ in. x 15 $\frac{1}{2}$ in. ...	20/6 per dozen.
2 ...	14 $\frac{1}{2}$ in. x 19 $\frac{1}{2}$ in. ...	34 - " "
3 ...	14 $\frac{1}{2}$ in. x 28in. ...	48 6 " "
4 ...	18in. x 36in. ...	73 6 " "

No other dimensions than the above can be made in this No. 3 Mat unless ordered in half-gross lots.

GALVANIZED WROUGHT IRON MATS.

THE SPECIAL CORRUGATED GALVANIZED IRON SANITARY

SCRAPER MAT

(PATENT).

No. 16.



Size ... 24 inches x 16 inches.

CHEAPEST EVER OFFER TO THE PUBLIC.

ALSO CLEANEST AND HEALTHIEST.

NON-ABSORBENT.

NO DUST FROM SHAKING.

This Mat is so constructed that it forms a Tray for the Mud to fall into, instead of falling through as in all other Metal Mats, and making the part underneath the Mat very dirty.

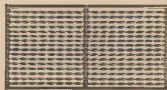
PRICES.

Ordinary depth of corrugations 18/- per dozen.
 Extra deep corrugations 27/- "

REED'S IMPROVED.

(REGISTERED.)

No. 6.



Strong and Durable.

Lengths.

Widths.

PRICES, EACH.

Inches.	Inches.	s.	d.
15	12	4	0
18	13	4	9
21	14	5	6
24	14	6	3
30	14	7	6
36	16	9	6
	18	12	0

Any other size made to order

GALVANIZED WROUGHT IRON MATS.

No. 7.



Very Strong and Durable.

No. 8



These Mats are made of Bar Iron, $\frac{3}{8}$ -inch deep, bolted through with distance collars between each.

Lengths.	Widths.	PRICES, EACH.	
Inches.	Inches.	s.	d.
15	12	3	9
24	15	5	6
30	15	6	6
30	18	7	3
36	21	10	0
42	20	12	0
42	24	15	0

Any other size made to order.

Lengths.	Widths.	PRICES, EACH.	
		$\frac{3}{8} \times \frac{1}{2}$ Bars.	$\frac{3}{8} \times \frac{3}{4}$ Bars.
Inches.	Inches.	£ s. d.	£ s. d.
15	12	5 5 0	..
21	12	6 5 6	....
24	14	6 7 0	..
26	14	7 9	....
30	15	8 3 0	....
32	15	10 0	....
34	16	11 0	....
36	18	11 0	0 18 0
38	18	13 6	1 1 0
42	21	...	1 6 0
42	24	...	1 12 0
48	30	...	2 2 0

Any other size made to order

GALVANIZED STEEL WIRE MAT.

THE "SPIRALIUM"

(PATENTED)



Mat and Scraper Combined.

Practically

Clean. Durable.

Indestructible.

No. 9.

The only really serviceable self-cleaning Wire Mat. No shaking or beating required. Made from hard steel wire, Galvanized. Cost 50 per cent. less than India Rubber Mats. These Mats are reversible, and both sides can be used. The cleanest Mats ever invented. Never become saturated or cloggy. To render them strong and rigid each Mat is surrounded by an iron frame.

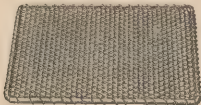
These "SPIRALIUM" Mats are thoroughly *Galvanized*, coated with *Zinc* after manufacture, and will not rust as those do made of merely *Lead* (called Galvanized) coated Wire, which coating being of soft material very soon wears off, exposing the iron, and is consequently damaged by rust and spoiled in appearance.

SIZES.		PRICES, EACH.		SIZES.		PRICES, EACH.	
Lengths.	Widths.			Lengths.	Widths.		
Inches.	Inches.	s.	d.	Inches.	Inches.	s.	d.
20	14	4	0	22	18	7	6
24	14	5	0	36	24	11	6
28	16	6	0	42	32	18	0

GALVANIZED STEEL WIRE MATS.

THE "CONVOLVULUS"

LIGHT, STRONG, CLEAN AND DURABLE.



No. 10.

This is a thoroughly serviceable self-cleaning Wire Mat. No shaking or beating required. Made from hard steel wire. Never becomes saturated or cloggy. Can be reversed and both sides used. Strong Iron Frame all round.

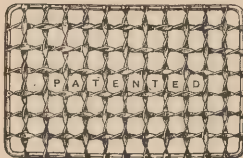
These "CONVOLVULUS" Mats are thoroughly *Galvanized* (coated with Zinc) after manufacture, and will not rust as those do made of merely *Land* (called Galvanized) coated Wire, which coating being of soft material very soon wears off, exposing the iron, and is consequently damaged by rust and spoiled in appearance.

SIZES.

SIZES.		PRICES, EACH.	
Lengths.	Widths.		
Inches.	Inches.	s.	d.
20	14	3	3
24	14	1	0
28	16	5	0
32	18	6	6
36	24	10	3
42	32	16	0

Patent Galvanized
FLAT STEEL WIRE MAT

(SOLID ROD FRAME).



No. 15.

A PERFECT MAT AND SCRAPER.

This Mat is galvanized after manufacture, clean in appearance, and will last longer than the ordinary wire mats. It retains its shape, will not rust, and is light and durable.

SIZES.

PRICES, EACH.

Inches.	s.	d.
28 x 16	3	6
30 x 18	4	0
36 x 21	5	6
42 x 24	7	6

Mats to order 1/3 per foot super.

GALVANIZED STEEL WIRE MATS.

(Patent).



No. 11

Made of the best hard-drawn Steel Wire, on strong Iron Frame.

These Mats are reversible and self-cleaning. They are thoroughly Galvanized (coated with Zinc) after Manufacture, and will not rust as those do made of merely Lead (called Galvanized) coated wire, which coating being of soft material soon wears off, exposing the iron and is consequently damaged by rust and spotted in appearance.

The "Excelsior."



No. 13.

We offer this Celebrated Mat at the following low prices.

SIZES.		PRICES, Each.		No.	SIZES.	PRICES, Each.	No.	SIZES.		PRICES, Each.
Lengths.	Widths.	s.	d.							
Inches.	Inches.									
18	12	2	9	1	18 x 12	2/6	5	36 x 18		4 0
24	15	3	6	2	24 x 14	2 6	6	36 x 21		5 3
30	18	4	9	3	28 x 16	3 6	7	42 x 24		8 3
36	21	7	0	4	30 x 18	8/3				
42	24	10	0							

GALVANIZED STEEL WIRE MATS.

Woven Galvanized Steel Wire Mat

(PATENT.)



No. 14.

Galvanized Interlocked Woven Steel Wire Mat

(PATENT.)



No. 12.

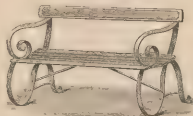
Made of two separate woven wire meshes interlocked at right angles to one another.

These Mats are thoroughly *Galvanized* (coated) with *Zinc* after Manufactured, and will not rust as those made of merely *Lead* (called Galvanized) coated wire, which coating being of soft material soon wears off, exposing the iron, and is consequently damaged by rust and spoiled in appearance.

SIZES.		PRICES, EACH.	
Lengths.	Widths.		
Inches.	Inches.	s.	d.
20	12	2	0
24	14	2	6
28	16	3	3
30	18	4	0
33	18	5	0
36	21	6	0
42	24	8	6

SIZES.		PRICES, EACH	
Lengths.	Widths.		
Inches.	Inches.	s.	d.
18	12	4	3
24	14	5	0
30	18	6	9
36	21	9	6
42	24	12	6
48	30	18	0

GARDEN SEATS.



No. 1

Back wrought-iron, spl nos wood.

	4ft. 6in.			WITH CENTRE STANDARD.		
	4ft.	4ft.	4ft.	7ft.	8ft.	9ft.
Pitch Pine varnished, and Iron-work Galvanised (non-rustable)	20-	21-	23-	31-	33 9	37-
Pitch Pine varnished, and Iron-work painted green	17 6	18 6	20-	27 6	29 3	32-

MADE ENTIRELY OF WROUGHT-IRON.



No. 2

	WITH CENTRE LEG			
	8ft.	8ft.	7ft.	8ft.
Galvanised all over (non-rustable)	33/-	37 6	49 6	54/-
Painted Plain Green	20 6	28/-	39 6	42/-

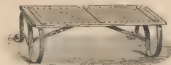
This Seat is very strong, having 1 inch by $\frac{1}{2}$ splines, and $1\frac{1}{2}$ by $\frac{1}{2}$ standards, well bolted and rivetted. It is very suitable for Public Parks and Promenades, for which purpose it is extensively adopted.

FOLDING SEAT.

No. 3.



OPEN.



CLOSED.

When folded the back forms a complete protection from wet and dust.

	4ft. 6in.		8ft.	
	4ft.	6ft.	8ft.	6ft.
Pitch Pine, varnished, and Iron-work Galvanised (non-rustable)	29-	30 9	35-	
Do. do. painted green	26 6	28/-	32-	

GARDEN SEATS AND CHAIR.

MADE ENTIRELY OF WROUGHT IRON.

(With 3 circular compartments at back.)



No. 4.

Galvanized all over (<i>non-rustable</i>) 5 ft. long	...	...	...	36 6
Painted Plain Green, do.	..	..	...	31.



No. 6.

	WITH CENTRAL LEG			
	5 ft.	6 ft.	7 ft.	8 ft.
Pitch Pine varnished, and Iron-work Galvanized (<i>non-rustable</i>)	32/-	36/9	40/8	45/-
Do. and Iron-work painted Green	28/-	32 6	35 6	39/-



No. 5.

The above is a most favourite seat. The ends are wrought-iron and splines wood.
WITH CENTRE LEG.

	5 ft.	6 ft.	7 ft.	8 ft.
Pitch Pine varnished, and Iron-work Galvanized (<i>non-rustable</i>)	28/6	32 6	34/8	37/-
Do. and Iron-work painted Green	25/6	29/3	31/-	33 6



No. 7.

Pitch Pine varnished, and Iron-work Galvanized (<i>non-rustable</i>)	...	8/9
Do. do. do. painted Green	...	7/9

The framework of this Chair is made of wrought-iron, with wood seat and back.

GARDEN CHAIRS.



No. 8.

This Chair is similar to No 7, but three inches wider, and with arms.

Pitch Pine varnished, and Iron-work Galvanized (<i>non-rustable</i>)	... 11/6
Do. do. do. painted green	... 10/3



No. 9.

Pitch Pine varnished, and Iron-work Galvanized (<i>non-rustable</i>)	... 14/-
Do. do. do. painted green	... 12/6



No. 10.

Pitch Pine varnished, and Iron-work Galvanized (<i>non-rustable</i>)	... 20/9
Do. do. do. painted green	... 18/9

Folding Chair.



No 11.

This is the most comfortable and useful Folding Chair of its kind ever offered to the Public. It is very strong, and is highly recommended. This illustration shows the chair ready for use.

Pitch Pine varnished, and Iron-work Galvanized (<i>non-rustable</i>)	... 15/6
Do. do. and Iron-work painted green	... 14/8

ZINC WEATHER VANES.

No. 1.



4 ft. 6 in. high ... 56 - each.

No. 2.



4 ft. 0 in. high ... 67 6 each.

No. 3.



4 ft. 0 in. high ... 39/- each.

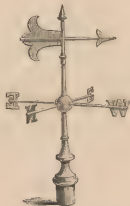
No. 4.



4 ft. 6 in. high ... 39/- each.

ZINC WEATHER VANES.

No. 5.



3 ft. 6 in. High 28/- each.

Base, $4\frac{1}{2}$ in. diam. x 6 in. high.

No. 7.



4 ft. 3 in. High 27/6 each.

This Vane is japanned blue; Arrow and Letters
yellow. A very effective Vane.

Socket, 5-in. diameter.

No. 6.

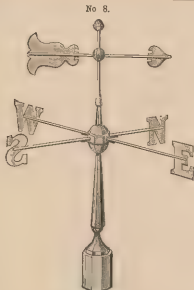


3 ft. 4 in. High 23/6 each.

Base, 3 $\frac{1}{2}$ in., tapered to $\frac{3}{4}$ in.

Nos. 5, 6, and 7 are designed to meet the demand for cheap yet Ornamental Vanes for Gardens, Summer Houses, &c. They have given great satisfaction and will be found serviceable articles. The arms are movable for convenience of packing (except No. 7), and the Vanes consequently take up but little room in stock, while they are thus rendered stronger and more durable. All are in plain Zinc (except No. 7), but any of the patterns can be had japanned or Gilded, and estimates given for same if required. *Packed in Case (not returnable) for trial, 1 - each set.*

ZINC WEATHER VANES.



Braby's Special
Zinc
Weather Vanes.



Nos. 8 & 9.—THE ABOVE ARE OUR LEADING ARTICLES IN ZINC WEATHER VANES. THE ATTENTION OF THE TRADE IS INVITED TO THE EXCELLENCE OF THEIR MANUFACTURE. THEY ARE MADE IN LARGE QUANTITIES AT A TIME AT VERY SPECIAL PRICES.

4 ft. High 39/- each.
Do. Japanned Blue 32/- "
Socket, 4 inches deep x about $4\frac{1}{2}$ inches across.

4 ft. 3 in. High 30/- each.
Do. Japanned Blue 32/6 "
Socket, 4 inches deep inside x 4 inches diam. at bottom.

No. 8 Vanes—Are very strong, and ornamental in appearance, the centre pieces being octagon, and other portions being also ornamental. The arms take out, for convenience of packing, &c., and are keyed in. The Iron spindle through centre runs to end of socket.

Packed in Case (not returnable) for transit, 1/- each net.

No. 9 Vanes—Are very strongly made. All the parts are fixed to the Spindle with Tinned Iron Collars, and where the tubes of the letters and arrows come through there is a projecting burr from the solid Zinc, adding greatly to their strength. The strongest Vane in the market. The Arms are keyed in &c. Very handsome and ornamental in appearance.

Packed in Case (not returnable) for transit, 1/- each net.

WEATHER VANES.

Copper Vane.

No. 10

THIS
DESIGN CAN BE VARIEDTO MEET CUSTOMERS'
REQUIREMENTS.ABOUT $\frac{1}{4}$ in. SCALE

PRICE.

In Copper (with iron rod) £18 0 0

Designs for Weather Vanes.

IN ZINC.

No



12.

No.



13

Designs Nos. 12 and 13 are cut out of flat metal. They can be substituted in place of Arrows shown on any of our Vanes at an extra cost of 5/- each net. They can also be painted in OIL COLOURS, and the letters of VANE gilt if desired. Prices on application.

They are shown about $\frac{1}{16}$ th full size.

WEATHER VANES.

Designs for Weather Vanes, in Zinc.

No. 14.



No. 15.



No. 16.



No. 17.



No. 18.



No. 19.



About $\frac{1}{15}$ th full size.

Designs No. 14, 15, 16, 17, 18, and 19 are cut out of flat metal. They can be substituted in place of Arrows shown on any of our Vanes at an extra cost of $\frac{1}{2}$ each set. They can also be painted in OIL COLOURS, and the letters of VANE gilt if desired. Prices on application.

LAWN MOWERS.

The "Philadelphia" (Improved) Lawn Mower.



NOISELESS.

THE LIGHTEST

RUNNING MOWER

INCASED GEAR.

MADE.

Drive Wheel 6½ inches.

Four Blade Mower made from best quality of materials throughout. Blades are cut from Tool Steel, tempered in Oil. Those requiring a cheap, and at the same time, good machine, cannot do better than the "PHILADELPHIA" (Improved).

ALL PARTS INTERCHANGEABLE.

EVERY MACHINE WARRANTED.

			£ s. d.	PRICES, EACH.		f s. d.
10 inch	..	..	1 1 6	18 inch	..	1 8 6
12 ..	..	..	1 4 6	18 ..	..	1 12 6
14 ..	..	..	1 7 0			

GRASS BOXES—10 inch and 12 inch, 5 .. 14 inch and 16 inch, 6 .. 18 inch, 7 6 each

INSTRUCTIONS FOR SHARPENING.

When necessary, the knives should be sharpened with oil and emery, as follows: Take off the Left Hand Driving Wheel and Pawl, reverse the Pawl, turn the Pawl round, let the Pawl fit in the groove in back of Pawl, reduce Wheel and screw the Handle No 31 in (cut) into the hole in the Wheel, and having covered the upper side of the Lower Knife with a clay paste made of fine Emery No. 10 or 100 and oil, turn the machine wrong side up, resting the Cross Bar across a flat, hard or convenient support, turn the Knives backward till you bring them to an edge. The Lower Knife can then be set up to the Revolving Knives with the Claw in as follows: Put the Wrench on it. Put the Foot and needle the Stationary Knife to the Side Plate, and draw the Nut, then with a screw-driver turn the Set-Screws at right angles to screw it out, say one eighth of a turn, then turn the Nut. Repeat the operation on the other side of the Machine, and continue working with these Nuts and Set-Screws till you get the Knives to just fit a sheet of Put not hold in the least. This Adjusting of the Knives must be carefully done, as on it depends the satisfaction you will have in using the Machine. If the Machine cuts unevenly or runs hard, the Knives will be found to be either too close together or too far apart. They should cut heavy wrapping paper, and yet not bind in turning.

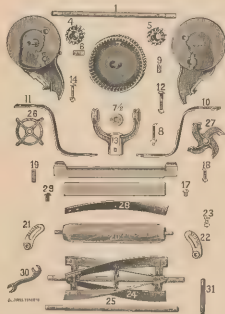
Using the Oil and Emery are all that are required, and the Machine cannot be properly sharpened without them. In moving the Pawl on do it carefully, so as not to lose the Pawl, and in replacing the Pawl, be sure to put it in with the square or highest part of the top (the top being bevelled) towards the handle.

FOR COMPLETE LIST OF PARTS AND PRICES OF SAME—SEE OPPOSITE.

LAWN MOWERS.

Complete List of Parts of the "Philadelphia" Lawn Mower.

ILLUSTRATIONS.



DESCRIPTION AND PRICES

	s.	d.
1 Cross Bar	2	11
2 Left Side Plate	8	4
3 Right Side Plate	8	4
4 Pinion L. H.	2	1
5 Pinion R. H.	2	1
6 Pawl	0	10
7 Drive Wheel L. H.	6	3
8 Drive Wheel R. H.	6	3
9 Wheel Washer	0	5
10 Bolt for Wheel	0	5
11 Nut Box Screw	0	5
12 Handle Brace L. H.	2	6
13 Handle Brace R. H.	2	6
14 Bolt for Handle Braces	0	5
15 Handle Bracket	3	4
16 Handle Bracket Bolts	0	5
17 Lower Knife Plate	3	4
18 Lower Knife	3	4
19 Lower Knife Cap Screw	0	5
20 Lower Knife Bolt	0	5
21 Lower Knife Set Screw	0	5
22 Wood Roller	2	1
23 Roller Box L. H.	0	10
24 Roller Box R. H.	0	10
25 Roller Box Bolt	0	8
26 Cylinder	10 in. 12 in. 14 in. 16 in. 18 in.	
27 Cylinder Shaft	16 8 18 8 20 10 22 1 25 1	2 11
28 Cylinder Centre		2 1
29 Cylinder Wing		2 1
30 Cylinder Knives	10 in. 12 in. 14 in. 16 in. 18 in.	
31 Cylinder Rivets per doz.	2 11 3 6 4 2 4 2 4 2	1 8
32 Wrench		0 5
33 Handle for Sharpening Mower		0 5
34 Wheel Hub & complete for 1 wheel		6 3

In ordering Parts of a Machine the particular Model, from Reference Numbers given.

ALWAYS STATE SIZE OF MACHINE.

NOTE.—We only stock and supply Parts of Machines for Mowers originally purchased from us.

LAWN MOWERS.

The "Woodyatt" Lawn Mower.

ALL PARTS

INTERCHANGEABLE.



EVERY MACHINE

WARRANTED.

Drive Wheel 9½ ins

Open wheels and checks make a very light machine, and at same time is thoroughly strong. Gears are incased and so constructed that it is impossible for dirt to get into them. Blades made from tool steel rolled to special sections, and carefully tempered. The Cylinder has five cutting blades, and will cut as even and smooth as any Mower made.

				PRICES, EACH.				
				£ s. d.				
10 inch	.	..	.	1 18 0	16 inch	...	...	2 3 0
12 "	...	.	..	1 18 0	18 "	...	...	2 7 6
14 "	...	...	...	2 0 6	20 "	...	...	2 16 0

GRASS BOXES. 10 inch and 12 inch, 6 s; 14 inch and 16 inch, 7/6; 18 inch and 20 inch, 9 s each.

INSTRUCTIONS FOR SHARPENING.

When necessary, the knives should be sharpened with oil, and every as follows. Take off the left bar Driving Wire and Pinion, remove Pawl, and put in blank Pinion sent with machine, replace Pinion Wagon and screw the Handle (No. 31) in cent into the bottom of the Wheel, and having covered the upper side of the Lower Knife with a thin paste made of fine Flour (No. 70 or 100) and oil, turn the Machine on any side up, rest up the Cross Bar across a box, bench or convenient support, turn the Knives backward till you get them to an edge. The Lower Knife can then be set up on the Revolving Knives will just clear it, as follows. With a screw driver turn the Set Screw nearest the Cylinder a little to the left, so as to screw it out, say one eighth of a turn, then tighten the one nearest Hub. Repeat the operation on the other side of the machine, and continue working with these Set Screws till you get the Knives to just tip one another, but not land on the last. This Adjusting of the Knives must be carefully done, as on it depends the satisfaction you will derive from using the machine. If the knives are as evenly & runs hand, the Knives can be found to be either too close together or too far apart. They should cut heavy wrapping paper, and yet not land in it. Use by the Oil and Flour as all that are required, and the machine cannot be properly sharpened without them. In moving the Pinion, do it softly, so as not to lose the Pawl, and in replacing the Pawl be sure to put it in with the square or highest part of the upper top near the wheel towards the handle.

FOR COMPLETE LIST OF PARTS AND PRICES OF SAME—SEE OPPOSITE.

LAWN MOWERS.

Complete List of Parts of the "Woodyatt" Lawn Mower.

ILLUSTRATIONS



In ordering Parts of a Machine be particular to order from Reference
Numbers and Letters given.

ALWAYS STATE SIZE OF MACHINE.

DESCRIPTION AND PRICES.

						s	d.
A.	Cross Bar	..	..	..	..	3	4
C.	Left Side Plate	..	..	..	..	8	4
D.	Right Side Plate	..	..	..	..	8	4
E.	Pawl	..	..	..	..	0	10
F.	Cotter Pin for Wheel	..	..	..	..	0	5
G.	Pinion, L. H.	..	..	..	..	2	1
H.	Pinion, R. H.	..	..	..	..	2	1
J.	Handle Brace	..	..	..	..	2	6
K.	Left Hand Roller Bracket	..	..	..	..	0	10
L.	Right Hand Roller Bracket	..	..	..	..	0	10
M.	Pinion Cover Screw	..	..	..	..	0	5
N.	Journal Bolt	..	..	..	..	0	5
O.	Pinion Cover	..	..	..	..	0	10
P.	Knife Back Bolt	..	..	..	..	0	10
Q.	Wood Roller	..	..	..	..	2	1
R.	Lower Knife Back	12 in.	14 in.	16 in.	18 in.	20 in.	
		2/11	3/4	3/9	4/2	4/7	
S.	Lower Knife	12 in.	14 in.	16 in.	18 in.	20 in.	
		2/11	3/4	3/9	4/2	4/7	
T.	Cylinder Knife	12 in.	14 in.	16 in.	18 in.	20 in.	
		3/9	4/2	4/7	5/-	5/5	
U.	Cylinder Centre	..	..	..	..	..	2 1
V.	Cylinder Rivets, per doz.	..	..	..	..	..	2 1
W.	Cylinder End	..	..	..	..	..	2 1
X.	Cylinder Shaft	..	..	..	..	..	3 4
Y.	Cylinder	12 in.	14 in.	16 in.	18 in.	20 in.	
		16/8	18/9	20/10	25/-	27	
10.	Drive Wheel, right	..	..	..	..	..	6 8
11.	Drive Wheel, left	..	..	..	..	..	6 8
12.	Handle Brace Bolt	..	..	..	..	..	0 5
13.	Malleable Handle Bracket	..	..	..	..	..	3 4
14.	Bolt for Handle Bracket	..	..	..	..	..	0 5
15.	Cap Screw for Knife Back	..	..	..	..	..	0 5
16.	Roller Bracket Bolt	..	..	..	..	..	0 5
17.	Knife Back Set Screw	..	..	..	..	..	0 5
18.	Wrench	..	..	..	..	..	0 5
19.	Handle for Sharpening Mower	..	..	..	..	..	0 5
20.	Wood Handle, complete (no illustration)	..	..	..	..	..	6 3

NOTE—We only undertake to supply parts of machines for mowers originally purchased from us.

LAWN MOWERS.

The "Ontario" Lawn Mower.

LIGHT RUNNING.

SWIFT CUTTING.



SIMPLE CONSTRUCTION.

EASY TO WORK

Fitted with Six Solid Steel Cutting Blades

The "ONTARIO" has a double set of gearing, which enables it to run with great smoothness. This Mower cuts close to the ground, is practically silent in operation, and will be found light and easy to work. Gears are incased and so constructed that it is impossible for dirt to get into them. This machine is without roller in front and will cut the longest grass.

Although not the lowest priced machine on the market, its merits will prove it the cheapest in the end.

EVERY MACHINE WARRANTED

PRICES, EACH.

	£	s.	d.		£	s.	d.		
10 inch	3	6	0	each.	16 inch	4	9	0	each
12 "	3	12	6	"	18 "	4	18	6	"
14 "	4	0	0	"	20 "	5	12	6	"

GRASS BOXES.—For 10 inch and 12 inch, 7/6; 14 inch and 16 inch, 9 . 18 and 20 inch, 10/6 each.

INSTRUCTIONS FOR SHARPENING

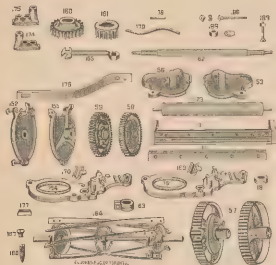
This machine, if kept in good order and well oiled, is practically self-sharpening. Should, however, the knives become dull, they can be sharpened by securing the cranks half a circle the end of the spindle shaft, and turning the cylinder back, thus forming a paste of No. 1 N. 100 or 1000 and oil. Never attempt to sharpen with a file.

FOR COMPLETE LIST OF PARTS AND PRICES OF SAME—SEE O.C.O. 11

LAWN MOWERS.

Complete List of Parts of the "Ontario" Lawn Mower.

ILLUSTRATIONS.



In ordering Parts of a Machine, be particular to order from Numbers cast on the various parts, and corresponding with Numbers given.

ALWAYS STATE SIZE OF MACHINE.

DESCRIPTION AND PRICES.

		s.	d.		
151	Inside Left Hand Side Plate ...	8	4	172	Stationary Knife, 10 12 14 16 18 20 in.
152	Outside Left Hand Side Plate ...	3	4	34 39 42 47 51- 55	
153	Left Hand Shield	2	6	173	Wood Roller, 10 12 14 16 18 20 in.
154	Inside Right Hand Side Plate ...	8	4	21 21 21 21 21 21	s. d.
155	Outside Right Hand Side Plate ...	3	4	174	Left Hand Roller Bracket 0 10
156	Right Hand SShield	2	6	175	Right " " 0 10
157	Driving Wheel (both alike), each	6	8	176	Handle Brace (both alike), each
158	Left Hand Master Gear	3	4	10 12 14 16 18 20 in.	
159	Right " "	3	4	34 34 34 34 34 34	
160	Intermediate Gear (both alike), each	2	1	177	Steel Pawl ... 0 10
161	Pinion (both alike), each	2	1	178	Steel Pin for Pinion ... 0 5
162	Shaft, 10 12 14 16 18 20 in.			179	Sharpening Crank ... 0 10
4 2 4 2 4 2 4 2 4 2				181	Case Winder for Stationary Knife ... 0 5
163	Split Collar on Shaft ...	1	3	182	Bolt for Gear Box, 1 1/2 ... 0 5
164	Cylinder Complete, 10 12 14 16 18 20 in.			183	" " " 1 1/2 ... 0 5
20 10 23 4 26 3 29 2 35- 38-				184	" Split Collar ... 0 5
165	Wrench ...	0	11	185	" Roller Bracket and Stationary Knife... 0 5
166	Cylinder Wing ...	2	6	186	Bolt for Wood Handle ... 0 5
167	" Shaft ...	3	4	187	Machine Screw, Stationary Knife, and Cylinder Caps ... 0 5
168	" Centre ...	2	1	188	Set Screw, Stationary Knife and Cylinder Caps ... 0 5
169	Left Hand Cylinder Cap	0	10	189	Nut for Shaft... 0 5
170	Right " "	0	10	190	Spiral Cylinder Knives, Unground and Unpatented, 10 12 14 16 18 20 in.
171	Cast Back for Stationary Knife, 10 12 14 16 18 20 in.			2 11 3 4 3 9 4 2 4 7 5-	
2 6 2 11 3 4 3 9 4 2 4 7					

NOTE. WE ONLY UNDERTAKE TO SUPPLY PARTS OF MACHINES FOR MOWERS ORIGINALLY PURCHASED FROM US.

BEST QUALITY WOVE WIRE.

IN COPPER, BRASS, STEEL, TIN PLATED, IRON AND KILN WORK, AND EXTRA STRONG FOR MINERS' WORK

From 3 Mesh to 120.

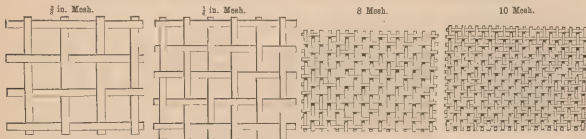


MESH.	IRON.	BRASS.	COPPER.	TIN PLATED.
3 to 10	4d.	9d.	1	5½d. per square foot.
11 to 16	5d.	10d.	11	6d.
17 & 18	5½d.	1	12	6d.
20 & 24	6½d.	11	12	8½d.
30, 36, 40	9d.	12½	14½	11
44 to 48	1	13	15	12½
50	1	14½	16	15½

FOR ORDER AMOUNTS TO LESS THAN 10 - ONE PARCHIN. PER SQUARE FOOT EXTRA CHARGED. PRICES FOR FINER MESHES ON APPLICATION

Extra Strong Weaving.

FOR MINERS' USE, IN IRON, BRASS OR COPPER. KILN AND SMUT WORK. (PRICES ON APPLICATION.)



BLIND WIRE, in Rolls, 6d. square foot.

WOVE AND STRAIGHT WIRE SIEVES.

No 1.



No. 1.

Founders and Moulders.

20-inch diam., extra strong					4 to 12 Meshes to the inch.	14 Meshes to the inch.	16 Meshes to the inch.
					s. d.	s. d.	s. d.
Iron	..	..	..	..	4 6	5 0	5 6 each.
Brass	..	..	..	..	6 6	7 1	8 6 ..
Copper	..	..	..	..	7 6	8 6	9 3 ..

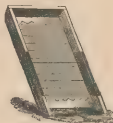
No. 2.

Screens for Lime and Rubbish.

Extra Strong, Sides and Back of Frame Clamped with Sheet Iron.

	1-inch.	1 1/2-inch.	2-inch mesh.
	s. d.	s. d.	s. d.
5-ft. high	19 0	20 0	21 2 each.
5-ft. 6-in. high	22 9	23 9	25 0 ..
6 ft. high	26 6	27 3	28 9 ..

No 2



No. 3.

Screens—Extra Strong Locketed.

Sides and Back of Frame Clamped with Sheet Iron.

	1-inch.	1 1/2-inch.	2-inch mesh.
	s. d.	s. d.	s. d.
5-ft. high	23 8	24 0	26 0 each.
5-ft. 6-in. high	26 0	26 0	28 6 ..
6-ft. high	27 0	28 6	31 6 ..
6-ft. 6-in. high, extra wide for two men to work at one screen	41 9	44 6	48 0 ..

No 4.



No. 4.

Strong Galvanized Iron Rim Sieves.

	14	16	18	20-inches diam.
	s. d.	s. d.	s. d.	s. d.
2 meshes to the inch	2 0	2 3	2 9	3 3 each.
2 1/2 "	2 0	2 3	2 9	3 6 ..
3 "	2 3	2 9	3 3	4 0 ..
4 "	2 6	3 0	3 6	4 9 ..

WOVE AND STRAIGHT WIRE SIEVES.

No. 5.



No. 5.

Gravel Iron Wire.

STRAIGHT.

20

22

24-inch diameter.

3, 6, 1/2-inch mesh	...	...	...	a. d.	a. d.	a. d.
3	30	32	...	3 6	4 0	4 5 each.
4	30	32	...	3 9	4 3	4 9 "
5	30	32	...	4 0	4 6	5 3 "
6	30	32	...	4 3	4 9	5 6 "

No. 6.

Square Mesh Gravel.

Over and under

20

22

24 inch diameter

1 to 2 meshes to the inch	...	...	...	a. d.	a. d.	a. d.
2 1/2	30	32	...	3 0	3 9	4 6 each
3	30	32	...	3 3	4 0	5 0 "
4	30	32	...	3 6	4 6	5 6 "
5	30	32	...	3 9	5 3	6 0 "

No. 7.



No. 7.

Iron Wove Wire.

14

16

18

20-inch diameter.

4 to 14 meshes to the inch	...	...	...	a. d.	a. d.	a. d.
16	30	32	...	3 9	2 9	3 0
20	30	32	...	3 0	3 3	3 6
24	30	32	...	3 6	4 6	4 11

No. 8.

Cinder and Mould, Iron Wire.

STRAIGHT.

14

16

18

20-inch diameter.

3 meshes to the inch	...	...	...	a. d.	a. d.	a. d.
3 1/2	30	32	...	1 9	2 0	2 6 each.
4	30	32	...	2 0	2 3	2 9 "
5	30	32	...	2 3	2 6	3 6 "

No. 9. Over and under

14

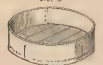
16

18

20-inch diameter.

2 or 2 1/2 meshes to the inch	...	...	...	a. d.	a. d.	a. d.
3	30	32	...	1 9	2 0	2 6 each.
4	30	32	...	2 1	2 3	2 9 "
5	30	32	...	2 3	2 6	3 3 "
6	30	32	...	2 6	3 0	3 6 "

No. 8.



BRABY'S GALVANIZED IRON SANITARY MANURE GUARDS.

(Galvanized after Manufactured.)

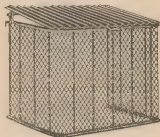
EXTRA STRONG.



Made on strong Wrought Iron Frames. Half Round Top Rail, 1½ inch. x 3 inch; Flat Bar at bottom, 1½ inch x 3 inch; Standards ½ inch, and covered with Corrugated Diamond Wire Lattice, 1½ inch mesh, x 10 R. W. G.

Two Eyes supplied with each Guard for bracing into wall.

A Hole is put in the "Hook" for Padlock in case it should be required.



Showing Hinged Corrugated Iron Cover.

MUST BE USED IN ALL STABLES IN ACCORDANCE WITH THE NEW SANITARY REGULATIONS OF THE LONDON COUNTY COUNCIL.

DIMENSIONS AND PRICES.

Width. Height Projection Capacity.				PRICE—Each.		Width. Height Projection Capacity.				PRICE—Each	
ft. in.	ft. in.	ft. in.	Cubic feet	Without Cover	With Cover	ft. in.	ft. in.	ft. in.	Cubic feet	Without Cover	With Cover
4 0	2 6	2 0	20	£ 1 7 6	£ 2 14 0	5 0	2 6	3 0	37½	£ 2 4 0	£ 3 4 6
4 0	2 6	2 6	25	£ 1 19 6	£ 2 17 6	5 0	3 0	3 6	52½	£ 2 11 0	£ 3 12 0
4 0	2 6	3 6	30	£ 2 3 6	£ 3 2 0	5 0	3 6	3 0	52½	£ 2 14 6	£ 3 14 6
4 0	3 0	2 0	20	£ 2 2 0	£ 2 19 0	5 0	3 6	4 0	70	£ 3 4 6	£ 4 6 0
4 0	3 0	2 6	24	£ 2 4 6	£ 3 2 0	5 0	4 0	2 6	50	£ 2 16 6	£ 3 15 6
4 0	3 6	2 0	30½	£ 2 10 6	£ 3 9 0	5 0	4 0	3 0	60	£ 3 2 6	£ 4 2 6
4 0	3 6	2 6	42	£ 2 13 0	£ 3 12 0	5 0	4 0	3 6	70	£ 3 8 0	£ 4 9 0
4 6	2 6	3 0	33½	£ 2 8 0	£ 3 2 6	6 0	3 0	2 0	54	£ 2 11 0	£ 3 13 0
4 6	4 0	2 6	45	£ 3 11 0	£ 4 12 0	6 0	4 0	2 6	60	£ 3 2 6	£ 4 3 6
4 6	1 0	3 0	54	£ 2 18 0	£ 3 18 0	6 0	4 0	3 0	70	£ 3 8 0	£ 4 10 0

* Max. There are 27 cubic feet to one cubic yard.

Can be supplied with a Handle at each side, for lifting purposes, at an extra of 3 per cent.

Extra for Strong Sheet Iron Skirting or Band round bottom { 9 inches high, 9d. per foot lineal
 { 12 " " " 1/- " " "

Special Sizes made PROMPTLY. PRICES FOR SAME ON APPLICATION.

BRABY'S GALVANIZED IRON SANITARY MANURE CAGES.

(Galvanized after Manufactured.)

EXTRA STRONG.

Made on Strong Wrought Iron Frames.
 Half Round Top Rail, $1\frac{1}{2}$ inch \times $\frac{3}{4}$ inch;
 Flat Bar at bottom, $1\frac{1}{2}$ inch \times $\frac{1}{2}$ inch;
 Standards $\frac{1}{2}$ inch;
 Corrugated Plate and
 Wire Lattice all round, $1\frac{1}{2}$ inch mesh \times 10
 B. W. G.; Bottom made of Plate Iron,
 16 W. G., perforated with 1 inch holes,
 about 3 inches apart, and fitted on Four

Strong Cast Wheels

Showing hinged Corrugated Iron Cover and Skirting
round Bottom of sides and ends.

In above illustration a Hinged Door is shown, or end, but can be fitted on a hinged door, or can be supplied with a Sliding Door instead of a Hinged door at same prices.
 These Manure Cages can also be supplied, if preferred, mounted on three wheels—front one to swivel—at same prices.

DIMENSIONS AND PRICES.

Length.		Width.		Height (exclusive of wheels).		Capacity.		PRICE—Each.	
ft.	in.	ft.	in.	ft.	in.	Cubic feet.*		Without Cover.	With Cover.
3	0	12	0	3	0	18		£ 5 2 6	£ 5 17 6
4	0	12	0	3	0	24		5 10 0	6 7 6
4	0	12	0	4	0	32		6 18 0	7 10 0
4	0	12	6	3	0	30		6 14 0	6 14 0
4	0	12	6	4	0	40		7 7 0	8 5 0
4	6	12	6	3	0	30½		6 6 0	7 3 0
4	6	12	6	3	0	31½		7 2 6	8 1 6
4	6	13	0	4	0	54		8 14 0	9 18 0
5	0	12	6	3	0	37½		6 16 0	7 15 0
5	0	12	6	3	6	40½		7 11 0	8 13 0
5	0	12	6	4	0	50		8 12 0	9 11 0
5	0	13	0	4	0	50		9 7 6	10 7 6

* MEM.—There are 27 cubic feet to one cubic yard.

Extra for Strong Sheet Iron Skirting or Band round bottom { 9 inches high. 9d. per foot lineal.
 { 12 " " 1/- " "

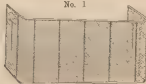
Special Sizes made PROMPTLY. PRICES FOR SAME ON APPLICATION.

FIRE GUARDS.

Fire Guard.

Wired with Corrugated Diamond Lattice, which renders them very rigid and firm. $\frac{1}{4}$ -in. half-round Top covered with brass, sheet iron bottom, and nicely japanned blue.

No. 1



HEIGHT	PROJECTION.	2ft. 6in.	2ft. 6in.	3ft. 0in.	3ft. 3in.	3ft. 6in.	3ft. 9in.	4ft. 0in.
ft. in.	in.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
2 0	10	11 3	11 6	12 0	12 9	13 9	15 0	16 6
2 3	11	13 9	14 3	15 0	15 9	16 6	18 0	20 6
2 6	11	17 0	17 6	18 0	18 9	19 9	21 0	22 6

Nursery Fire Guard.

Galvanized after made.

No. 2.



CHEAP.

STRONG.

Wired with Corrugated Diamond Lattice, $1\frac{1}{2}$ in. mesh \times 15 W.G.

$\frac{1}{4}$ inch rod frame top and bottom.

HEIGHT	PROJECTION	2ft. 6in.	3ft. 0in.	3ft. 3in.	3ft. 6in.	3ft. 9in.	4ft. 0in.	4ft. 3in.
ft. in.	in.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
2 0	12	3 9	4 0	4 3	4 6	4 9	5 0	5 3
2 3	12	4 0	4 4	4 6	4 9	5 0	5 3	5 6
2 6	12	4 1	4 5	4 8	5 0	5 3	5 6	5 9

PEA PROTECTORS AND TRAINERS.

Galvanized Seed and Pea Protectors.

No. 1



No. 2.



Made of $\frac{1}{2}$ in. \times 19 G Diamond Wire Lattice

Made of $\frac{1}{2}$ in. \times 20 G Wire Netting.

In 8ft lengths, 6 ins. wide, 5 ins. out of ground.

PRICES

(Including two stop ends to every dozen lengths.)

No. 1	...	56 per dozen.
" 2 ($\frac{1}{2}$ \times 20 G. Netting)	...	4; "
" 2a (1 \times 20 G. ")	...	36 "

"Eclipse" Pea Trainer. (REGISTERED.)

Galvanized after Manufactured.



FOR USE INSTEAD OF PEA STICKS.

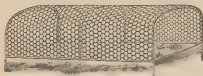
5 in. Mesh Stock Size, 6 ft. \times 4 ft.

PRICE ... 30; per dozen.

STRAWBERRY PROTECTORS, WEED ERADICATOR, AND TENNIS FENCING.

Strawberry Protector.

No. 4.



Made of $\frac{1}{2}$ in. Mesh Galvanized Wire Netting with Iron Wire Frame.
FOR PROTECTING STRAWBERRIES, SEED BEDS AND SMALL PLANTS
FROM BEES.

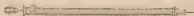
Length.	Width.	Height	PRICE.
		Above ground.	per dozen.
ft. in.	ft. in.	in.	£ s. d.
1 6	1 6	9	0 9 0
3 0	1 6	9	0 15 0
6 0	1 6	9	1 5 6

ENDS . . . 30 per dozen.

Dandelion, Dock and Daisy Eradicator
For Lawns (PATENT).

MADE OF BRASS WITH STEEL NEEDLE.

It is simple and most effective and has never been known to fail.
It can be effectively used in about one-twentieth part of the time usually
taken, and there is no digging up of roots and spoiling the lawn.



< . . . 2 ft. 2 ins. >

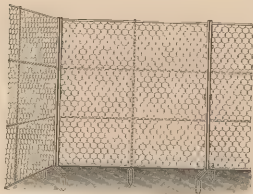
PRICE 84/- PER DOZEN.

INSTRUCTIONS.

Charge the Eradicator with Mark Smith's Celebrated or other Weed Killer
fluid (which can be procured at a small cost from all chemists), then pierce the
centre of the plant, pull up the piston rod, and the fatal fluid is then liberated and
deposited into the hole made. On withdrawing the Eradicator from plant, the
supply of fluid is at once shut off by the spring.

TESTIMONIALS ON APPLICATION.

Lawn Tennis Fencing.



Made in Hurdles, 6 ft. long, with prong-formed feet and fitted
together with bolts and nuts. The uprights are of 1 in. \times $\frac{1}{2}$ flat
bar iron, and the horizontals of $\frac{1}{2}$ in. round iron. These Hurdles
are covered with Iron Wire Netting, 2 in. mesh \times 17 G. and the
COMPLETE ARTICLE IS GALVANIZED AFTER MANUFACTURED.

PRICES.

6 feet high (4 Horizontals)	5/6 per yard.
5 " " (5 " ")	7/6 "

DWARF IRON FENCING.

Galvanized Strong Iron Fencing.

GALVANIZED AFTER MADE.



THE ABOVE FENCING is much used as a Lawn Edging, or Fencing
round Duck Ponds, &c.

In 6-ft. lengths, with Bolts and Nuts for fixing.

PRICES.

Height	12-in.	15-in.	18-in.	21-in.	24-in.	27-in.	30-in.
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Per foot run	0 9	0 8½	0 10½	1 0	1 3	1 6	1 9

ALSO

TO GO ROUND GRAVES,

With return ends, 1d. per foot run extra net.

WIRE FENCING.

Cheap Galvanized Iron Wire Fencing.

GALVANIZED AFTER MADE.



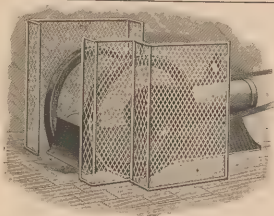
This will be found very useful where only a light, cheap Fencing is required. It can be bent to almost any angle, or semi-circular, etc., to fit Corners or Curves, etc., without difficulty by the person employed upon fixing same. The vertical wires and stays are of 12 gauge, and the Ribs are of 8 gauge wire, and the upright at each end is of quarter inch rod, projecting 9 inches at bottom for driving into ground.

SIZES and PRICES.

Length	Height above Ground.	PRICES.			
		Each.		Per dozen.	
ft.	ft. in.	s. d.	£ s. d.	£ s. d.	
1	2 0	4 3	2	5 0	
1	2 6	5 3	2	17 0	

FOR IRON HURDLES, IRON FENCING &c., SEE PAGES 296 TO 303.

WIRE LATTICE GUARDS, NETTING AND GARDEN STAKES.



Galvanized Wire Lattice Guards.

For all kinds of MACHINERY, RADIATORS, &c.

ANY SIZE, SHAPE OR STRENGTH.

QUOTATIONS GIVEN ON RECEIPT OF SPECIFICATION.

Competent men sent to take Particulars if desired, and also to fix when required.

For prices of other Galvanized Wire Lattice see pages 280 to 283.

Galvanized or Painted Wrought Iron Netting and Garden Stakes.

(PRICES Per Doz.)



Height.		NETTING STAKES.				GARDEN STAKES.					
		No. 1.		No. 2.		No. 3.		No. 4.		No. 5.	
Above ground		Diameter		Diameter		Diameter		Diameter		Diameter	
		Painted.	Galvanized	Painted.	Galvanized	Painted.	Galvanized	Painted.	Galvanized	Painted.	Galvanized
1.	in.										
2.	0										
2.	6										
3.	0										
3.	6										
4.	0										
4.	6										
5.	0										
5.	6										
6.	0										

These Stakes are used for supporting Wire Netting, Dahlias, Rose Trees, Shrubs, &c., for which purposes they will be found much superior to wood, both in appearance and durability.

SEE PAGES 68 AND 69 FOR STAPLES, DRIVING EYES, GARDEN LOOPS, VINE EYES, RAIDSSEURS, AND GENERAL APPLIANCES FOR GARDEN PURPOSES.

GARDEN ARCHES.

Plain Diamond Archway.

No. 2.—Cheap useful Arch (much approved).



The outside frame of plain iron and filled in with Corrugated Diamond Lattice.

GALVANIZED AFTER MANUFACTURE.

Height.	Span.	Width.	No. 2a F. B. & Co. LONDON		Each, Strong.		Each, Extra Strong.	
			ft. in.	ft. in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
7 0	4 0	1 0	5 8	1 8	0 11 5			
7 0	4 0	1 0	7 0	1 10	0 17 0			
7 6	4 6	1 6		1 11	0 13 0			
7 6	4 6	1 6		0 10	0 18 0			
7 6	4 6	2 0		1 18	0 16 0			
7 6	5 0	2 0		1 19	0 17 6			
8 0	5 0	1 6		1 17	0 13 0			
8 0	5 0	2 0		1 10	1 11 0			

Circular Spiral Archway.

No. 3.—Ornamental Arch.



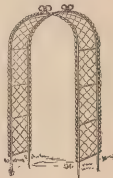
Extra Strong and Substantial Archway, with Plate feet bases, a great advantage, having a firmer hold in the ground than the ordinary pronged feet.

GALVANIZED AFTER MANUFACTURE.

Height.	Span.	Width.	Each, Strong.		Each, Extra Strong.	
			ft. in.	ft. in.	ft. in.	ft. in.
7 0	4 0	1 0	0 10	2 1 2 6		
7 0	4 0	1 3	1 1 1	1 10 0		
7 6	4 6	1 6	1 4 6	1 13 0		
7 6	4 6	2 0	1 6 3	2 2 0		
7 6	4 6	1 3	1 2 6	1 15 0		
7 6	4 6	1 6	1 6 3	1 16 0		
7 6	4 6	2 0	1 10 0	2 5 0		
8 0	5 0	1 3	1 7 6	1 16 0		
8 0	5 0	1 6	1 12 0	2 0 0		
8 0	5 0	2 0	1 13 0	2 10 0		
8 0	5 0	3 0	2 0 0	3 10 0		

Ornamental Arch.

No. 4.



Made with Spiral Iron and Corrugated Diamond Lattice.

GALVANIZED AFTER MANUFACTURE.

Height.	Span.	Width.	No. 4a F. B. & Co. LONDON		Each, Strong.		Each, Extra Strong.	
			ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
7 0	4 0	1 0	7 6	0 11 6	0 15 0			
7 0	4 0	1 0	9 3	0 14 0	1 1 0			
7 6	4 6	1 0	...	0 13 0	0 17 9			
7 6	4 6	1 6	...	0 18 6	1 2 3			
7 6	4 6	2 0	...	1 1 6	1 10 9			
7 6	5 0	2 0	...	1 3 6	1 13 6			
8 0	5 0	1 6	...	1 0 9	1 9 3			
8 0	5 0	2 0	...	1 5 6	1 19 0			

Other Sizes made at proportionate prices. Prompt deliveries. For the convenience of those these Arches are made to divide at top, and are fitted together with Bolts and Nuts, included in above prices. The whole are fresh and brightly Galvanized before being sent out. The "Extra Strong" quality is sent for all Arches, unless otherwise stated.

GARDEN ARCHES, &c.

Gothic Top Arch.

No. 5.



With Ornamental Spiral Iron
all round.

GALVANIZED AFTER MANUFACTURE.

Height.	Span.	Width.	Each. Strong		Each. Extra Strong	
ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
7 6	4 0	1 0	0 16	0	1 0	0
7 6	4 0	1 0	1 1	0	1 0	6
7 6	4 0	2 0	1 8	3	1 12	0
8 0	4 6	1 0	0 17	0	1 2	3
8 0	4 6	1 0	1 3	0	1 7	6
8 0	4 6	2 0	1 10	0	1 15	0
8 0	5 0	1 0	1 0	0	1 4	0
8 0	5 0	1 6	1 6	3	1 10	9
8 6	5 0	2 0	1 15	3	2 0	0

"Extra Strong" quality is sent for all Arches unless otherwise stated.

Ornamental Porch Arch.

No. 8.



The top part of this Arch is made separate from
the pillars for convenience of transit.

GALVANIZED AFTER MANUFACTURE.
INSIDE MEASURE.

Height.	Span.	Width.	Each. Painted Green		Each. Galvanised	
ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
7 0	4 0	1 0	1 6	6	1 10	0
7 6	4 6	1 1	1 10	0	1 15	0
8 0	4 6	2 0	1 14	0	1 19	0

All kinds of Wire-work made to order

Improved Hard Wire
Lattice Bordering.

Galvanized after Manufacture.



6-in. 9-in. 12-in. 15-in. High.

8/6 12/3 14/3 16/6 per dozen lengths.

In 3-ft. lengths, 2-in. mesh, including Spikes
for fixing.

New Spiral Bordering.

Galvanized after Manufacture; Extra strong.



Easily fixed to any shaped Lawn or Flower Bed.

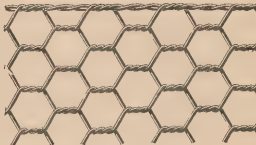
9-in. high out of 200 lb x 12 lb. over all

Price ... 35/- per gross.

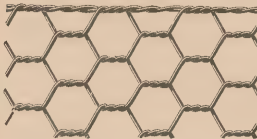
IRON WIRE NETTING—GALVANIZED AFTER MANUFACTURED.

 $\frac{1}{2}$ -inch Mesh Wire Netting.

Made any width up to four feet.

 $\frac{3}{4}$ -inch Mesh Wire Netting.

Made any width up to four feet.

 $1\frac{1}{2}$ -inch Mesh Wire Netting.

Made any width up to four feet.

1-inch Mesh Wire Netting.



Made any width up to four feet.

FOR PRICES SEE PAGE 275.

FOR NETTING STAKES SEE PAGE 273

IRON WIRE NETTING—GALVANIZED AFTER MANUFACTURED.

1½-inch Mesh Wire Netting.



1½-inch Mesh Wire Netting.



1½-inch Mesh Wire Netting.



2-inch Mesh Wire Netting.



FOR PRICES SEE PAGE 278. FOR NETTING STAKES SEE PAGE 278.

IRON WIRE NETTING GALVANIZED AFTER MANUFACTURED.

PRICES PER ROLL OF 50 YARDS.

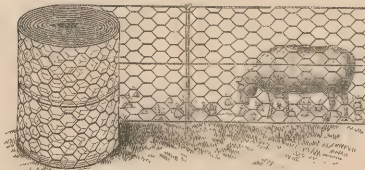
[illegible]

Widths less than 12 inches charged at price of 12 inches, and widths between any of those quoted for above are charged at the price of the next greater width.

Mixed meshes (i.e., 2 rolls of different meshes laced together) can be supplied at an extra of 2 - per roll of 50 yards.

GALVANIZED IRON WIRE SHEEP NETTING.

GALVANIZED AFTER MANUFACTURED.

Special
Quotations
Given forLarge Quantities
and
for Export.

WITH 3-PLY SELVAGES.

THE BEST SHEEP FENCE MADE.

PRICES PER ROLL OF 50 YARDS.

Mesh.	Gauge	3 feet Wide.	3 ft. 6-in. Wide.	4 feet Wide.	Mesh.	Gauge	3 feet Wide.	3 ft. 6-in. Wide.	4 feet Wide.
		£ s. d.	£ s. d.	£ s. d.			£ s. d.	£ s. d.	£ s. l.
3 Inches	16	0 16 6	0 19 3	1 2 0	4 Inches	17	0 11 0	0 12 10	0 14 8
	15	1 0 0	1 8 4	1 6 8		16	0 12 6	0 11 7	0 16 8
	14	1 4 6	1 8 7	1 12 8		15	0 15 9	0 14 6	1 1 1
	13	1 9 0	1 13 10	1 18 8		14	0 19 0	1 2 2	1 5 4
						13	1 3 0	1 6 10	1 10 8
						12	1 11 6	1 16 0	2 2 0

Centre Strand in 17, 16 and 15 Gauge Netting, 1/9 per roll extra.

" in 14 " 13 " 2/- " "

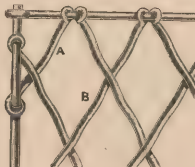
" in 12 " 2/6 " "

Extra for Strong Galvanized Wrought Iron Draught Bars, each end of roll — For 3 ft. wide Netting, 2d.; 3 ft. 6 in. wide Netting, 10½d.; and
for 4 ft. wide Netting, 1/- per roll, net.

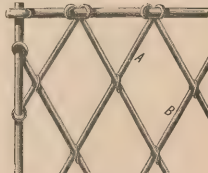
FOR PRICE OF NETTING STAKES SEE PAGE 278.

DIAMOND WIRE LATTICE.

GALVANIZED AFTER MANUFACTURED.



CORRUGATED LATTICE.



ORDINARY LATTICE.

Meshes 1 inch and coarser are tied at each crossing.

With strong frame all round, and made in pieces of any required dimensions.

All wire work should be **galvanized after manufactured** or it soon becomes rotten through exposure to the weather. Great care is exercised in properly coating with zinc after made. Good wire is used, and our wire work is well made, all the knuckles are "back-set" and clenched close together over the salvage, giving a neat appearance and finish.

See Table for all purposes where extra strength is required.

CORRUGATED LATTICE. PRICES PER SUPERFICIAL FOOT.
GALVANIZED OR PAINTED.

Wire Gauge	19	18	17	16	15	14	13	12	11	10	9
Mesh	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1/2-inch	0 7	0 8	0 3	...	...	...	...	...	...	...	...
1	0 6	0 7	0 8	0 9	1 10	1 0	1 2	1 4	...	...	...
2	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	...	...	...
3	...	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	...	...
4	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	...
5	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2
6	0 5	0 6	0 7	0 8	0 9	1 0	1 1
7	0 5	0 6	0 7	0 8	0 9	1 0
8	0 5	0 6	0 7	0 8	0 9
9	0 5	0 6	0 7	0 8
10	0 5	0 6	0 7
11	0 5	0 6
12	0 5
13
14
15
16
17
18
19

ORDINARY LATTICE. PRICES PER SUPERFICIAL FOOT.
GALVANIZED OR PAINTED.

Wire Gauge	15	14	13	12	11	10	9	8
Mesh	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1/2-inch	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 7
1	0 11	1 0	1 1	1 2	1 3	1 4	1 5	1 6
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19

Pieces measuring less than 4 feet square are charged by the piece. Widths of less than 1 foot are charged as 1 foot. Angular or Shaped Pieces are charged at per Piece. Lattice supplied corrugated pattern unless otherwise specified on order.

IN ORDERING ABOVE IT IS NECESSARY TO STATE WHICH REARRANGEMENT IS THE HEIGHT AND WHICH THE WIDTH.

STRAIGHT WIRE LATTICE.

GALVANIZED AFTER MANUFACTURED.

PRICES PER SQUARE FOOT.



With Strong Frame and Cross Bars
about 4 inches apart.

$\frac{1}{2}$ inch Mesh \times 12 Gauge usually used for
protecting Church and other Windows.

Is made with Gothic Heads, &c., as required.

Wire Gauge.	18	17	16	15	14	13	12	11	10	9	8
Mesh.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
$\frac{1}{4}$ inch	1 3	1 5	1 7	—	—	—	—	—	—	—	—
$\frac{1}{2}$ "	—	1 1	1 2 $\frac{1}{2}$	1 4	—	—	—	—	—	—	—
$\frac{3}{4}$ "	—	—	0 10	0 11	1 0	1 1	—	—	—	—	—
1 "	—	—	—	0 8 $\frac{1}{2}$	0 9	0 10	0 11 $\frac{1}{2}$	—	—	—	—
1 $\frac{1}{2}$ "	—	—	—	0 8	0 8 $\frac{1}{2}$	0 9 $\frac{1}{2}$	0 10 $\frac{1}{2}$	0 11 $\frac{1}{2}$	—	—	—
2 "	—	—	—	0 7	0 7 $\frac{1}{2}$	0 8	0 9	0 10	—	—	—
2 $\frac{1}{2}$ "	—	—	—	—	0 6 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 8 $\frac{1}{2}$	0 9 $\frac{1}{2}$	—	—	—
3 "	—	—	—	—	0 5 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 8 $\frac{1}{2}$	0 9 $\frac{1}{2}$	0 11	—
3 $\frac{1}{2}$ "	—	—	—	—	—	0 5	0 6	0 7	0 8 $\frac{1}{2}$	0 9 $\frac{1}{2}$	0 11
4 "	—	—	—	—	—	—	0 4 $\frac{1}{2}$	0 5 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 8 $\frac{1}{2}$	0 10
4 $\frac{1}{2}$ "	—	—	—	—	—	—	0 4	0 5	0 6	0 7 $\frac{1}{2}$	0 9

Pieces containing less than four superficial feet are charged by the piece, and widths of less than one foot are charged as one foot. In ordering please say which is the length and which the height of the piece.

All Wire Work should be Galvanized after made, or it soon becomes rotten on exposure to the weather.

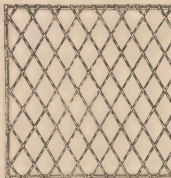
Good Wire is used, and our Wire Work will last for ever.

FOR WIRE WORK FOR PROTECTING MACHINERY, &c., SEE PAGE 278.

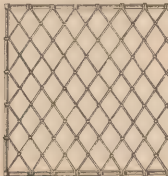
GALVANIZED IRON WIREWORK FOR SHIP'S BULWARKS.

Strongly made of $\frac{1}{4}$ -th Iron Wire, with $\frac{1}{2}$ -inch Rod Frame Top and Bottom.

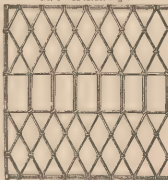
No. 1.



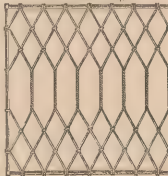
No. 2.



No. 3 22 inches High.



No. 4. 22 inches High.



No. 5. 36 inches High.



PRICES.

No. 1 ... $2\frac{1}{2}$ -in. Mesh ... 8d. per square foot." 2 $2\frac{1}{2}$ " " " 9d. " "

" 3 " " " " 9d. " "

" 4 " " " " 10d. " "

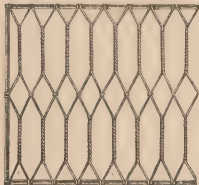
" 5 " " " " 1 " " "

ANY OTHER DESCRIPTION AND SIZE OF WIREWORK FOR SHIP'S BULWARKS CAN BE MADE. QUOTATIONS ON APPLICATION.

GALVANIZED WIREWORK FOR SHIP'S BULWARKS AND SNOW GUARDS.

STRONGLY MADE OF $\frac{1}{4}$ TH IRON WIRE WITH $\frac{1}{4}$ INCH
ROD FRAME TOP AND BOTTOM.

No. 6.



3-inch Mesh. 22-inches High.

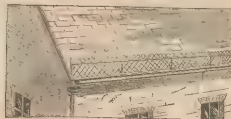
11½d. per Square Foot.

ANY OTHER DESCRIPTION AND SIZE OF WIREWORK
CAN BE MADE.

FOR WIREWORK FOR PROTECTING MACHINERY, &c.,
see page 278.

Extra Strong Wire Snow Guards, No. 1.

GALVANIZED AFTER MADE.



To Prevent
Snow Slipping

as to Conservatory
Roofs, &c.

6-in. 10½d.	9-in. 1/-	12-in. 1¼d.	15-in. ... high. 1¼d. ... per foot run.
----------------	--------------	----------------	--

Made in 6-ft., 9-ft., and 12-ft. lengths, with Galvanized Iron supports about 3-ft. apart.

These Snow Guards are made on strong Iron Rod Frames and covered with Wire
Lattices, No. 10 B.W.G., 1¼in. Mesh Diamond pattern, with Gothic Top.

EXTRA STANDARDS (if required), Galvanized Iron, 6-in. 9-in. 12-in. 15-in.
3/- 4/- 5/- 6/- per doz.

Snow Guards. No. 2.

We also make a lighter and cheaper Snow Guard of 1½-in. Mesh Corrugated Diamond
Work, in 6-ft. lengths, with Staple Top and Standards. -

PRICE ...	6-in. 8d.	9-in. 10d.	12-in. ... high. 1/- ... per foot run.
-----------	--------------	---------------	---

Plain, instead of Staple Top, at ½d. per foot run not less.

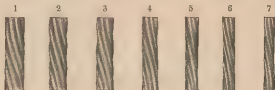
Corrugated Lattice Work for Window Fittings—and with Brass Tube, if required.

Special lengths of both Qualities of Snow Guards charged 1d. per foot run extra net.

ALL KINDS OF WIREWORK MADE TO ORDER.

GALVANIZED STRAND WIRE, FLEXIBLE WELL ROPE, &c.

GALVANIZED STRAND FENCING WIRE—7 PLY.



No.	...	...	1	2	3	4	5	6	7
PRICE	...	per Cwt.	19/-	19/3	19/3	20/3	21/-	21/8	22/8
Yards	...	about	200	226	260	267	292	465	516

In less than 2-cwt. cost 1/- per cwt. extra

STRAINING BOLT.

For
Woodor Iron
Posts.

FOR PRICES, SEE PAGE 68.

BEST GALVANIZED FLEXIBLE STEEL WIRE ROPE.

Wire Rope.



FOR WELL ROPE, &c.

Six strands, each strand with hemp core and hemp centre core.

PRICES ARE PER 100 FEET RUN.

$\frac{3}{8}$ in. in circumference	...	...	14/-	$1\frac{1}{2}$ in. in circumference	...	...	20 -
$\frac{7}{8}$ " "	...	...	15/6	$1\frac{3}{4}$ " "	...	...	22 -
1 " "	...	...	17/6	$1\frac{7}{8}$ " "	...	...	25 -
$1\frac{1}{8}$ " "	...	...	19/-	2 " "	...	...	30 -

Fitted with Thimbles each end 3/- to 7/6 each, according to size, and as may be required.

THIS ROPE IS VERY PLIABLE, AND SUITABLE FOR WINDING PURPOSES.

FOR WELL BUCKETS, SEE PAGE 193.

Splicing Thimble.



GALVANIZED BB WIRE ROPE (WITH CENTRE CORE) FOR STRAIGHT WORK

...	$\frac{1}{2}$ -in.	$\frac{3}{4}$ -in.	$\frac{7}{8}$ -in.	diam.
...	28 6	27 -	26 -	per cwt.

WIRE CLOTHES LINE AND BARB WIRE.

GALVANIZED STRAND CLOTHES LINE—No. 18 x 6 PLY.—Hemp Centre.



PRICES.

In 50 ft. lengths ... 8/6 per doz. lengths. / In 100 ft. lengths ... 16/- per doz. lengths.

THESE LINES ARE UNAFFECTED BY DAMP OR HEAT AND ARE ALMOST EVERLASTING.
TO PREVENT RUST THEY ARE MADE OF SELECTED GALVANIZED WIRE.

FOR GALVANIZED PLAIN WIRE FENCING &C., SEE PAGE 286.

GALVANIZED STEEL BARB FENCING.

A Steel-Iron Hedge—IMPASSABLE.



2 Point.



4 Point.

PRICES.

Two Point "Ordinary" Barbs	...	5 in. apart, about 589 yards per cwt.	
Four " "	...	6 " " " "	560 " "
Two " "Thickset" "	...	2½ " " " "	532 " "
Four " "	...	3 " " " "	448 " "

1 cwt. Reels	...	(Reels free)	16/9 per cwt.
½ " "	...	" " " "	17 " "

In half ton lots and upwards, 5/- per ton less.

Reels containing only 100 yards the price is 18/6 per cwt. and the Reels are charged 6/1 each extra let. and are not returnable.

IRON STANDARDS FOR WIRE FENCING, SEE PAGES 302 AND 303.

IRON WIRE - GALVANIZED, BLACK, &c.

WE NOW OFFER BEST GALVANIZED IRON WIRE AT THE FOLLOWING SPECIALLY LOW PRICES. THERE BEING A VERY HEAVY DEMAND, MANY TONS ARE KEPT IN STOCK.

No.	...	...	3	4	5	6	7	8	9	10	11
PRICE	...	per Cwt.	18	18	18	18	18	18	18 3	18 6	19
Yards,	about	"	228	269	322	393	467	565	700	882	1,077

No.	...	...	12	13	14	16	18	19	20	22
PRICE	...	per Cwt.	20/6	21/-	21/6	22/6	25/6	27	29	33
Yards,	about	"	1,833	1,728	2,240	3,500	6,222	9,383	—	—

If in less quantities than 1 Cwt. Bundles of a Gauge, 1/- per Cwt. extra is charged net.

THE ABOVE GALVANIZED WIRE is also stocked in 1-lb. hanks, from No 14 Gauge upwards; No 15 &c. is stocked only in 1-lb. rings; No. 17 only in 1-lb. and $\frac{1}{2}$ -lb. rings.

All Gauges can be sent in small or large bundles as required.

GALVANIZED BINDING WIRE, usual Gauges are also stocked in 1-lb., $\frac{1}{2}$ -lb. and $\frac{1}{4}$ -lb. hanks.

Extras:—Wire wound in 1-lb. and $\frac{1}{2}$ -lb. hanks	...	...	6	per Cwt.
Do. " $\frac{1}{4}$ -lb.	"	"	7 6	"

BEST BLACK ANNEALED WIRE is kept in stock in 4, 5 & 6 Gauges. ... In 1-cwt. bundles ... 15 3 per Cwt.

Other Gauges supplied promptly to order at current rates.

BEST HARD BRIGHT WIRE ... supplied promptly to order at lowest Market Prices.

ANNEALED TINNED WIRE ... " " " "

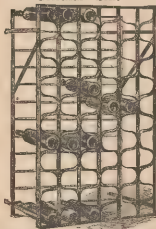
COPPER WIRE ... " " " "

SPECIAL QUOTATIONS GIVEN FOR ALL KINDS OF WIRE IN LARGE QUANTITIES.

FOR GALVANIZED IRON FITTINGS FOR WIRING WALLS, &c., SEE PAGES 68 & 69. FOR WIRE ROPE SEE PAGE 284.

IRON WINE BINS AND BOTTLE RACK.

Cellular Bin.

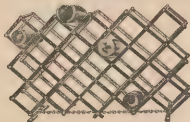


Des	Height	Width	Depth	Galvanized	Painted	WITH DOORS							
						Galvanized	Painted	Galvanized	Painted	Galvanized	Painted	Galvanized	Painted
	ft	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.
2	13	2	0	10	0	7	3	0	6	0	—	—	—
3	23	2	0	10	0	12	0	10	0	—	—	—	—
4	26	2	0	10	0	16	0	13	6	1	7	6	1
6	39	2	0	10	1	3	3	1	0	6	1	12	0
8	39	2	7	1	1	12	0	1	7	6	2	10	0
10	39	3	3	10	1	13	3	1	13	3	9	2	16
12	39	3	10	1	2	7	6	2	0	0	2	6	3
14	44	3	10	1	2	15	3	2	7	4	16	6	3
16	50	3	10	1	0	8	4	0	2	14	5	1	0
18	57	3	10	1	0	3	12	6	3	1	8	6	3
20	63	3	10	1	0	4	0	0	3	7	6	17	6

If made to order 4/12 Galvanized, & 3/6 Painted, per doz. Bottles

" " with doors 7/- " 2/6 " " " "

GALVANIZED are recommended, as they are more durable



OPEN.

When folded is very convenient for transit purposes, and, when set up, it is very strong and durable, and every little space when set up. It is very strong and durable, and every little space when set up.

PRICE (PAINTED) 8/6 EACH.

QUOTATIONS FOR OTHER SIZES ON APPLICATION. N.B.—THESE BINS WILL NOT HOLD CHAMPAGNE BOTTLES. FOR OTHER BINS SEE FOLLOWING PAGES

Galvanized Circular Bottle Rack.



Will hold 100 Empty Bottles.

3 ft. 2 in. high.

1 1/2 ft. diam. outside
10 in. diam. inside

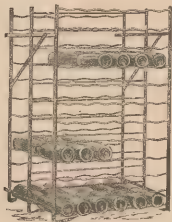
Price, 22/6 each.



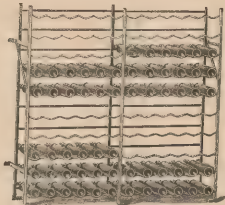
FOLDED FOR TRANSIT
STOCKING, &c.

IRON WINE BINS.

French Double Bin.



French Single Bin.



By the use of these Bins the old plan of laths and banding is completely done away with and a great saving of space is effected. A Bottle can be taken from any part of the Bin without disturbing the others, so that as many different kinds of Wines as desired can be kept perfectly distinct in the same Bin. The most experienced person can get Wines with perfect ease and safety. They can be folded up and removed at pleasure. Where extra room is wanted they can be laid with doors to lock, thus, placed in any square corner, the contents are as safe as within the cellar. They are made any size to order. Estimates furnished free. A rough plan, with size of cellar, should be sent. If required for Champagne Bottles it should be so stated on order.

Our Wrought Iron Wine Bins can be made to fit any cellar with either flat ceilings or Arched Vaults.—Any height or depth.—With movable shelves. Estimates, &c. on application

For prices see opposite page.

IRON WINE BINS & MINERAL WATER RACKS.

PRICES.—See Illustrations of these Bins, opposite page.

French Double Bins.

Box	Height	Width	Depth	WITH DOORS							
				Galvanized				Painted			
	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
6	2 0	2 6	1 7	0 12	0	0 9	0	1 4	0	0 18	0
8	2 8	2 0	1 7	0 15	0	0 11	0	1 10	0	1 2	0
10	3 4	2 0	1 7	0 18	3	0 13	3	1 16	6	1 6	6
12	4 0	2 0	1 7	1 1	9	0 15	9	2 3	6	1 11	0
14	4 8	2 0	1 7	1 5	0	0 18	0	2 10	0	1 16	0
16	4 0	2 7	1 7	1 9	0	1 1	0	2 18	0	2 2	0
18	4 0	2 11	1 7	1 12	6	1 3	6	3 0	0	2 7	0
20	4 0	3 2	1 7	1 16	3	1 6	3	3 12	0	2 12	0
24	4 0	3 10	1 7	2 3	6	1 11	6	4 7	0	3 3	0
30	5 0	3 10	1 7	2 14	6	1 13	6	5 9	0	3 19	0
36	6 0	3 10	1 7	3 5	6	2 7	6	6 11	0	4 15	0

If made to order 2 - Galvanized, 1 6 Painted, per Doz. bottles,
" " with Doors, 4 1- " 5 1- " " "

French Single Bins.

No 1 Quality.										No 2 Quality.				
Des.	Height.	Width.	Depth.	Galvanized.		Painted.		WITH DOORS.		Galvanized.		Painted.		
				£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.			
6	4 0	2 0	1 0	0 13	3	0 9	6	1 8	6	0 19	0	0 11	6	0 8
8	4 0	2 6	1 0	0 17	9	0 12	9	1 15	6	1 5	6	0 15	6	0 11
10	4 0	3 1	1 0	1 2	3	0 16	0	2 4	6	1 12	0	0 19	0	0 14
12	4 0	3 9	1 0	1 6	6	0 19	0	2 13	0	1 18	0	1 8	0	0 17
14	4 8	3 9	1 0	1 11	3	1 2	6	3 2	8	1 5	0	1 7	0	1 0
16	5 4	2 9	1 0	1 15	6	1 5	6	3 11	0	2 11	0	1 10	6	1 2
18	6 0	3 9	1 0	1 19	9	1 8	6	3 14	6	2 11	0	1 14	6	1 5
20	6 8	3 9	1 0	2 4	0	1 11	6	4 5	0	3 3	0	1 18	0	1 8
24	8 0	3 9	1 0	2 12	6	1 17	6	5 5	0	3 15	0	2 5	6	1 13

If made to order 24, galvanized, 1,3 Painted, per doz. bottles	If made to order, 22 Galvanized, and 1,8 painted, per doz. bottles
" " With Doors, 4/0 " 8/6 " " "	

NOTE.—Any of these Wine Bins can be had for Champagne at 15 % extra.

ALL BINS WITH DOORS ARE MADE WITH CLOSED TOPS AND SIDES.

IMPROVED PORTABLE MINERAL WATER RACKS.

These Racks will be found very useful in every place where Mineral Waters are used. They effect a great saving of room, prevent much breakage, and allow a free circulation of air round the bottles. All the different Waters can be kept quite distinct in the same Bin. The stock in hand is seen at a glance.



Most sizes kept in stock, and any can be supplied at a few days' notice.

Dosen.	Height.		Width.	Depth.	Price.					
	ft.	in.			ft.	in.	ft.	in.	ft.	in.
3	1	1	1	1	3	1	3	9	6	8
4	1	1	1	1	3	1	1	1	1	1
6	1	1	1	1	3	1	1	1	1	1
8	1	1	1	1	3	1	1	1	1	1
10	1	1	1	1	3	1	1	1	1	1
12	1	1	1	1	3	1	1	1	1	1
14	1	1	1	1	3	1	1	1	1	1
16	1	1	1	1	3	1	1	1	1	1
18	1	1	1	1	3	1	1	1	1	1
20	1	1	1	1	3	1	1	1	1	1
24	1	1	1	1	3	1	1	1	1	1

GALVANIZED are recommended, as they are non-rustable.

CASK STANDS—JAPANNED AND GALVANIZED.

Acknowledged to be the Best and Simplest ever
Invented

CAN BE FOLDED UP IN AN INSTANT.



They are strong, durable, and cheap. Will
last 50 years, and save Two or Three Quarts at
least in every cask, and the last gill of Ale or
Wine may be drawn off perfectly bright.

As they fold up, a large number can be packed into a very small compass for shipment when required.

JAPANNED.

Nos.	Sizes.	Prices.
		£ s. d.
1	4½-gallon Cask ...	0 8 3
2	9 and 18-gallon Casks ...	0 11 6
3	18 and 36-gallon Casks ..	0 14 0
4	36 and 60-gallon Casks ..	1 7 6



GALVANIZED.

Nos.	Sizes.	Prices.
		£ s. d.
1	4½-gallon Cask ...	5 9 9
2	9 and 18-gallon Casks ...	0 14 6
3	18 and 36-gallon Casks ..	1 0 0
4	36 and 60-gallon Casks ...	1 9 0

CASK STANDS—JAPANNED AND GALVANIZED.

BERRY'S IMPROVED.



FOLDED.

PRICES.

Nos.		Sizes.	Galvanized.		Japanned.	
			s.	d.	s.	d.
1	For 4½ gallon Cask	... ..	5	3	4	6
2	" 9 " "	... ..	7	0	6	0
3	" 16 " "	... ..	8	9	7	6
4	" 36 " "	... ..	11	0	9	0

MEAT SAFES OR PORTABLE LARDERS.

Solid Zinc Meat Safe.



No. 2.

With Sides and Doors of Perforated Zinc, one Wood Shelf and Brass Lock.

These are far cheaper ZINC SAFES, considering their strength and make, than any others in the market.

PRICES.

18-in. square	...	each	30/-
24	..	..	34
27	..	..	37
31	..	..	40 6
36	..	..	51

Solid Zinc Meat Safe.

No. 4

With Lock and Key.

2-ft. square inside x 2-ft. 9-in. high outside.

PRICE .. £2 3s. 6d. each.

2-ft. 6-in. square inside x 3-ft. 8-in. high outside.

PRICE ... £3 2s. 6d. each.

VERY HANDSOME SAFES.



Meat Safe.

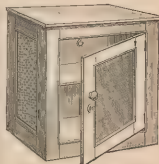
No. 3. Best Quality.

Long.	High	Wide.	Locks Doors.
18	16 in.	14	9
24	20	17 1/2	10
32	22	17	12
34	24	15	14
36	26	16	16
38	28	16	18
40	30	17	21
42	32	18	24
44	34	18	30

No. 3a. Second Quality

Long.	High	Wide.	Locks Doors.
18-in	16-in.	14	7 6
20	17	14	8 6
22	19	13	10
24	21	14	11
26	23	15	13 6
28	25	16	15 6
30	27	17	17

The 18-in. to 34-in. have One Shelf; the others have Two Shelves.



Wood Frame with Perforated Zinc Panels, and with Lock and Key.

Circular Solid Zinc
Meat Safe.

No. 5

18-in. diameter ... PRICE 33 - each.

With Lock and Key.

VERY HANDSOME SAFE.



STAMPED STEEL HOLLOWARE AND "EXPRESS" KETTLE.

Extra Deep Double Baking Pans. RECOMMENDED BY THE FACULTY.

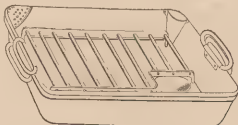
STAMPED SEAMLESS STEEL.

Best Bright Tinned, fitted wth. Best Tinned Iron Grids, Strainer, We.l. etc.

NO SOLDER.

OBLONG.

Sizes	Per dozen.
Inches.	s. d.
12 x 9 $\frac{1}{2}$	5s. 6
13 x 11 $\frac{1}{2}$	5s. 6
14 x 13 $\frac{1}{2}$	5s. 6
15 x 12	6s. 6
16 x 12	6s. 6
18 x 14	7s. 6
20 x 15 $\frac{1}{2}$	12s. 1



SQUARE.

Sizes	Per dozen.
Inches.	s. d.
11	5s. 6
12	5s. 6
13	5s. 6
14	5s. 6
15	5s. 6
16	5s. 6
17	5s. 6
18	5s. 6
20	14s. 2

Tinned with the best Pure Tin. The Funnel at corner of Pan is stamped or indented in one piece with the Pan.

Illustrations.



American Baking Pans ... Inches	9	10	11	12	13	14	15	16	18	20
No. 1. Oblong, Best Tinned ... per doz.	7/-	8/-	9/-	10/-	11/6	14/-	16/6	17/6	22/6	27/6
No. 2. Square, Best Tinned ... "	8/-	9/6	11/-	12/6	14/6	16/6	18/6	20/6	25/6	30/6

BRABY'S "EXPRESS" KETTLE.



TINNED IRON WITH COPPER BOTTOM.

2

3

4

6 Quart.

DURABILITY AND ECONOMY COMBINED.

48/-

54/-

60/-

81/- per dozen.

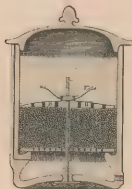
THIS KETTLE IS VERY SUITABLE FOR OUR "PRIMUS" STOVE, SEE PAGE 380, OR "FITZROY" RANGE, PAGE 385.

For Aluminium Baking Pans, Cooking Utensils, &c., see Special Aluminium Index, page 395.

THE "ARMY AND NAVY" STONEWARE CARBALITE FILTER (Patent).



No. 1



Section



No. 2

READILY ADJUSTABLE AND VERY EASILY CLEANSED.

The serious defect of most Filters is that they are so constructed as not to be very easily cleansed.

TO CLEAN THE FILTER 1.—Take off the cover, and after screwing the handle F, remove the top perforated plate H. 2.—Take out the Carbalite (filtering material), wash or renew, and replace it. 3.—Replace the top perforated plate H, and screw it down as before. 4.—Replace the cover.

PRICES

No. 1 pattern. 2 gallons ... £1 3 6 | No. 1 pattern. 4 gallons ... £1 15 0 | No. 2 pattern. 2 gallons ... £1 6 6

The above prices are for Cream-coloured Stoneware, and include Earthenware Tap.

Nickel Plated Taps can be supplied at 1/- each extra; and Electro Plated, 3/- each extra.

Carbalite ... 15s. per cwt.

To renew the filtering material, the following may be calculated:—A 1 gallon Filter takes about 7 lbs., a 2 gallon, 10 lbs.; and a 4 gallon, 22 lbs.; of Carbalite.

PACKING CASES—Braby's Galvanized Iron Non absorbent Sanitary Portable Dust Bins.

For 2 gallon Filter, 12 ins. diam. x 21 ins. deep, 7 6 each including Covers. For 4 gallon Filter, 15 ins. diam. x 21 ins. deep, 10 6 each including Covers. The above are readily adaptable by Ironmongers, and by the adoption of these packing cases for the Filters, the cost of wooden packing cases (which afterwards are of but little or no value) is avoided.

Unless otherwise ordered the Filters will be sent in Dust Bins. If it is not desired to retain these packing cases, Sanitary Dust Bins, full credit will be allowed for same if received back by us within fourteen days and carriage prepaid.

THE "ARMY AND NAVY" STONEWARE CARBALITE FILTER (Patent).

The ADVANTAGES of CREASE'S PATENT FILTER may thus be summarised—

- (1.) Water by it is unfailingly purified.
- (2.) The filtering medium is accessible, can be removed, cleansed, and its efficiency restored, and replaced by any servant or unskilled person; fresh material can be inserted when required with equal facility.
- (3.) The filtering medium can be made to filter slowly or rapidly according to the degree of impurity in the water to be filtered.
- (4.) The Filter is sound in principle and entirely successful in use. It is universally applicable, strongly recommended, and exceedingly cheap.
- (5.) It has been submitted to every possible test by eminent Officials, Medical, Engineering, and Sanitary Authorities at home and abroad, under every condition of climate and water, and has never failed.

This Filter invented and patented originally by General Crease, of the Royal Marine Artillery, with the primary intention of supplying His Majesty's Navy with pure water, proved so immediately successful that its further application to the wants of the Army was practically tested, with the result of its being, at the present time, selected by the Army Medical Department for Barracks, Hospitals, Transport Vessels, &c.

The Manufactures in extending its application to numerous and uses of the general public are enabled to refer to the severe trials it has undergone in all climates, in every part of the world with water of most varied degrees of impurity; and to the severe tests also which this Filter has been subjected by the most eminent Government experts before its adoption.

On board H. M. Ships, at every station throughout the British Empire, on Troop Ships, in Army Hospitals, Forts, and Barracks, and in other places, Crease's Filters have been found, for several years, to fully answer their requirements, to give the trouble, expense, and to perform their work effectively and well.

In principle this Filter is infinitely superior to the sponge iron filter, and to other filters also wherein the filtering medium is formed of a solid block. It does not contain any non-staining matter, or substances liable to decomposition, and favouring development of animal life. The filtering medium is composed of loose porous particles, which may be compressed at will, in proportion to the impurity of the water to be filtered; it can be renewed by any unskilled person, and its efficiency can be restored by cleansing it with water and exposing it to the air. It can be entirely replaced at a trifling cost.

The Filtering Medium is a specially fine, granulated Carbalite, one-tenth more powerful, bulk for bulk, than any other filtering medium in the market, and it is made by a process of which the manufacturers possess the exclusive right.

These substances do not discolour, while they present, in every grain, fine, porous filtering surfaces which restore the purest and most palatable qualities of water, without imparting any trace of taste, only or mixed flavour, or more or less present in water of the same kind, passed through any iron or coppered lead depending for its colour on rust or other like substances.

The renewal of the filtering material, of course depends upon the degree of impurity of the water that passes through it, but it may be stated that it has been found that on an average about once a year is appropriate.

In size these Filters are made for filtering any quantity of water, from that necessary for Barracks, Hospitals, Ships, Hotels and Asylums, to that required for only consumption in a study, a counting house, or Cottage.

From "The Family Physician." "One of the best Filters which has yet been devised is that known as the 'Tank Filter,' and which we owe to the ingenuity of General Crease, R.M.A., C.B. This Filter is largely used on board ship, and is equally applicable for Domestic use."

Estimates given for fitting Hospitals, Asylums, and any large buildings, in any part of the Kingdom, with Crease's Patent Granulated Carbalite Filters, with complete system of filtration of all water supply.

BY ROYAL LETTERS PATENT.



CARBALITE

(TRADE MARK).

The latest Patented and most Effectual Purifier for Water and other Liquids, and for Sugar Refining.

ADOPTED BY THE GOVERNMENT

CARBALITE is a purely mineral filtering medium compounded of Carbon and Alumina, and possessed of marvellously energetic purifying qualities. It is far superior to Animal Charcoal and all other filtering media. Animal Carbon deteriorates each time it is re-burnt. Carbalite, on the contrary, improves and becomes more powerful. Its action is rapid and continuous, and it possesses other very great advantages.

A TRIAL SOLICITED.

For Filtering Water, &c.:

PRICE, 15s. PER CWT.

For Sugar Refining (special quality):

PRICE, 16s. PER CWT.

"EMPRESS" STEEL FIREPROOF SAFES.

No 1.
THIS QUALITY IS GUARANTEED
FIREPROOF



FAST BIND: FAST FIND.

FIREPROOF STEEL SAFES. No. 1.

Made throughout of $\frac{3}{8}$ inch Plates, strongly secured with Angle Iron: Body Chambers $\frac{3}{8}$ inch thick, large Fireproof Chambers, $\frac{3}{8}$ inch thick, Doors, fastened with strong Bolts thrown by Handle, Fast Bolts at Lock, and secured with Patent 6-Lever Hand-made Lock. Two Keys are supplied with each Lock.

PRICE LIST WITH SINGLE DOORS.

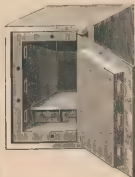
No.	Outside Size			Inside Size above Drawers			Number of Drawers	Price with Drawers	Price without Drawers
	H	W	D	H	W	D	No.	£ s. d.	£ s. d.
1	24	14	11	18	12	8	1	8 10 0	6 10 0
2	22	12	10	16	10	8	1	7 10 0	5 10 0
3	20	10	8	14	8	6	1	6 10 0	4 10 0
4	18	8	6	12	6	4	1	5 10 0	3 10 0
5	16	6	4	10	4	2	1	4 10 0	2 10 0
6	14	4	2	8	2	1	1	3 10 0	1 10 0
7	12	3	1	6	1	0	1	2 10 0	0 10 0
8	10	2	0	4	0	0	1	1 10 0	0 10 0
9	8	1	0	2	0	0	1	0 10 0	0 10 0
10	6	0	0	0	0	0	1	0 10 0	0 10 0

PRICE LIST WITH DOUBLE DOORS.

No.	Outside Size			Inside Size above Drawers			Number of Drawers	Price with Drawers	Price without Drawers
	H	W	D	H	W	D	No. In. deep.	£ s. d.	£ s. d.
1	24	14	11	18	12	8	2	17 10 0	16 10 0
2	22	12	10	16	10	8	2	16 10 0	15 10 0
3	20	10	8	14	8	6	2	15 10 0	14 10 0
4	18	8	6	12	6	4	2	14 10 0	13 10 0
5	16	6	4	10	4	2	2	13 10 0	12 10 0
6	14	4	2	8	2	1	2	12 10 0	11 10 0
7	12	3	1	6	1	0	2	11 10 0	10 10 0
8	10	2	0	4	0	0	2	10 10 0	9 10 0
9	8	1	0	2	0	0	2	9 10 0	8 10 0
10	6	0	0	0	0	0	2	8 10 0	7 10 0

1 inch Shelves, 66 per foot in width extra.
Partitions, 66 per foot in height extra.
Gunpowder Proof Lock, 8s. extra.
Additional Drawers, 20s each extra.
Cupboards, same price as Drawers.

No 2



FIREPROOF STEEL SAFES No. 2

Made throughout of Steel Plates, $\frac{1}{2}$ to $\frac{3}{4}$ inch thick, secured with strong Angle Iron. Fireproof Chambers 3 inches thick, $\frac{1}{2}$ inch Solid Steel Door, fastened with Shooting Bolts to front thrown by Handle, Fast Bolts at Back, and secured with Patent Hand-made Unpickable 6 Lever Detector Lock, and protected with Case Hardened Drill Proof Steel Plate. Two keys supplied with each Lock.

This is a strong and well constructed quality, and much superior to many sold as "Thief Proof," but we only recommend it as Security against fire.

PRICE LIST WITH SINGLE DOORS.

No.	Outside Size			Inside Size above Drawers			Number of Drawers	Price with Drawers	Price without Drawers
	H	W	D	H	W	D	No.	£ s. d.	£ s. d.
1	24	14	11	18	12	8	1	8 10 0	6 10 0
2	22	12	10	16	10	8	1	7 10 0	5 10 0
3	20	10	8	14	8	6	1	6 10 0	4 10 0
4	18	8	6	12	6	4	1	5 10 0	3 10 0
5	16	6	4	10	4	2	1	4 10 0	2 10 0
6	14	4	2	8	2	1	1	3 10 0	1 10 0
7	12	3	1	6	1	0	1	2 10 0	0 10 0
8	10	2	0	4	0	0	1	1 10 0	0 10 0
9	8	1	0	2	0	0	1	0 10 0	0 10 0
10	6	0	0	0	0	0	1	0 10 0	0 10 0

PRICE LIST WITH DOUBLE DOORS.

No.	Outside Size			Inside Size above Drawers			Number of Drawers	Price with Drawers	Price without Drawers
	H	W	D	H	W	D	No. In. deep.	£ s. d.	£ s. d.
1	24	14	11	18	12	8	2	17 10 0	16 10 0
2	22	12	10	16	10	8	2	16 10 0	15 10 0
3	20	10	8	14	8	6	2	15 10 0	14 10 0
4	18	8	6	12	6	4	2	14 10 0	13 10 0
5	16	6	4	10	4	2	2	13 10 0	12 10 0
6	14	4	2	8	2	1	2	12 10 0	11 10 0
7	12	3	1	6	1	0	2	11 10 0	10 10 0
8	10	2	0	4	0	0	2	10 10 0	9 10 0
9	8	1	0	2	0	0	2	9 10 0	8 10 0
10	6	0	0	0	0	0	2	8 10 0	7 10 0

The Drawers in sizes Nos. 8, 9, 10, 15, 16, 17, are placed in the centre of the Safe unless specially ordered to the contrary.
Loose Shelves, 66 per foot in width extra.

Loose Partitions, 66 per foot in height extra.
Additional Drawers, 20s each extra.
Cupboards, not more than 12 inches in height, same price as Drawers.

WROUGHT IRON HURDLES.

SHEEP AND CATTLE HURDLES.

Each 6-ft. long with Bolt and Nut complete, and covered with one coat of Best Jet Varnish.



ROUND BAR HURDLES.



FLAT BAR HURDLES.

No.	Description.	No. of Bars.	Top Bar Diam.	Lower Bars Diam.	End Uprights	Centre Upright	PRICE per Hurdle	No.	Description	No. of Bars.	Top Bar Diam.	Lower Bars.	End Uprights	Centre Upright	PRICE per Hurdle.
			in.	in.	in.	in.					in.	in.	in.	in.	
2	Light Cattle Hurdle	5	2	1	1 1/4 x 1/2	1 3/8 x 1/2	5/8	11	Light Cattle Hurdle	5	2	1 x 1/2	1 1/4 x 1/2	1 1/2 x 1/2	7.
4	Ditto	6	2	1	1 1/4 x 1/2	1 3/8 x 1/2	6/8	12	Ditto	5	2	1 x 1/2	1 1/4 x 1/2	1 1/2 x 1/2	6 4
6	Strong Cattle Hurdle	5	2	2	1 1/2 x 1/2	1 3/4 x 1/2	8.	13	Strong Cattle Hurdle	5	2	1 x 1/2	1 3/8 x 1/2	1 1/2 x 1/2 2 Centre Uprights	8 6
8	Ditto	5	2	2	1 1/2 x 1/2	1 3/4 x 1/2	9.								

All the above Hurdles are 3 ft. 6 in. high out of ground, except No. 8 which is 3 ft. 9 in. high out of ground.

The Prices are based upon not less than 12 Hurdles being required at one time.

WROUGHT IRON FENCING AND GATES.

Wrought Iron Continuous Flat Bar Fencing.



Sent in Plain Iron, with Rivets and Wedges complete.

If Varnished with best Jet Varnish, 2d. per yard extra.

SPECIFICATIONS AND PRICES

No.	Height above Ground.	Distance apart of Standards.	Size of intermediate Standards.	Size of joining Standards.	No. of Bars.	Size of Top Bar.	Size of Lower Bars.	Depth under Ground.	PRICE Per Yard.
1	3 ft. 6 in.	3 feet.	$1\frac{1}{2}$ in. \times $\frac{1}{2}$ in.	$1\frac{1}{2}$ in. \times $\frac{1}{2}$ in.	5	Round, $\frac{1}{2}$ in.	1 in. \times $\frac{1}{2}$ in.	12 in.	3 -
2	3 " 9 "	3 "	$1\frac{1}{2}$ " \times $\frac{3}{8}$ "	$1\frac{1}{2}$ " \times $\frac{3}{8}$ "	5	$\frac{1}{2}$ "	1 " \times $\frac{1}{2}$ "	14 "	4 -
3	3 " 9 "	3 "	$1\frac{1}{2}$ " \times $\frac{1}{2}$ in.	$1\frac{1}{2}$ " \times $\frac{1}{2}$ in.	5	$\frac{1}{2}$ "	1 " \times $\frac{1}{2}$ "	14 "	3 9
4	4 " 6 "	3 "	$1\frac{1}{2}$ " \times $\frac{3}{8}$ "	$1\frac{1}{2}$ " \times $\frac{3}{8}$ "	6	$\frac{1}{2}$ "	1 " \times $\frac{1}{2}$ "	14 "	4 9

The Standards are held in their proper vertical position, on the notch and wedge principle of fastening, which renders their displacement impossible.

The above prices are assuming that not less than 26 yards will be required at one time.

No. 6. Hand Gate.

To match Hurdles and Continuous Fencing. Painted.



3 feet 6 inches wide \times 4 feet high when hung.

PRICE.	with Hangings for wood or stone	£	s.	d.
Do. hung to strong Standards	...	1	5	9 each
Do. hung to Cast iron self-fixing Pillars, as shown	...	1	19	6 "
Do. hung to Cast iron self-fixing Pillars, as shown	...	2	19	6 "

No. 7. Wrought Iron Field Gate.

This is a very strong Gate. The top and bottom bars being Tee Iron with Angle Iron brace bars. It is usually fitted with slip bolt for padlock, but may be had with latch, as shown, if required. Painted.



9 feet wide \times 3 feet 9 in. high.

PRICE.	with Hangings for Wood or Stone	£	s.	d.
Do. with Cast Iron Pillars to fix on Stone	...	1	16	9 each.
Do. Ditto ditto having self-fixing bases	...	3	19	6 "
Do. Ditto ditto having self-fixing bases	...	4	16	0 "

If 10 feet wide. Price 2 6 extra.

CONTINUOUS UNCLIMBABLE RAILINGS AND GATES.

No. 8. Continuous Unclimbable Railing.



Coated with best Jet Varnish, and Bolts and Nuts complete.

This method of constructing Unclimbable Railings forms a very strong and serviceable fence, and is cheaper than when made in Hurdles.

It is made in 9 ft. panels with an independent Standard to bolt between two adjoining panels, as shewn, and can be had in various heights and strengths.

For light fences we recommend $\frac{1}{2}$ inch Upright Bars, while where a strong Railing is required, say to fix against a public footpath, or any other such exposed situation, not less than $\frac{3}{4}$ inch bars should be used.

THE DISTANCE APART OF VERTICAL BARS IS $3\frac{1}{2}$ INCHES IN CLEAR.

No.	Description.	Standards & Horizontals.	Vertical Bars.	PRICE. Per Yard.
8	3ft. 6in. high above ground.	$1\frac{1}{2}$ x $\frac{3}{4}$ in.	$\frac{1}{2}$ in. diam.	4/11
8A	4ft. 0in. " "	" "	" "	5/4
8B	4ft. 6in. " "	" "	" "	5/10
8C	4ft. 0in. " "	$1\frac{1}{2}$ x $\frac{3}{4}$ in.	$\frac{3}{4}$ in. diam.	7 4
8D	4ft. 6in. " "	" "	" "	8/-
8E	5ft. 0in. " "	" "	" "	8/8

Side Stay: $1\frac{1}{2}$ x $\frac{3}{4}$, with plate base for Railing $3\frac{1}{2}$ and 4 feet high, 2 each.
Do. " " do. do. $4\frac{1}{4}$ and 5 feet high, 2 3 "

THESE PRICES ARE BASED UPON ORDERS OF NOT LESS THAN 21 YARDS AT A TIME

No. 9. Unclimbable Hand Gate to Match.



3 feet 6 inches wide x 4 feet 0 inches high.

Hung to Cast Iron Pillars to fix on Stone, as shewn, and painted.

		£	s.	d.
With $\frac{1}{2}$ inch Vertical Bars	... ..	3	14	0 each.
Do. " do.	... ..	3	17	6 "
Do. " do.	but 4 feet to 5 feet high	4	10	6 "

Extra for self-fixing Pillars, 15/- per Pair.

No. 10. Unclimbable Vertical Bar Gates.



These Gates are 9 feet wide, and made to suit the Unclimbable Railing.

Hung to Cast Iron Pillars to fix on Stone, as shewn. Painted.

No.	Description.	£	s.	d.
No. 10.	3ft. 6in. high, Upright Bars, $\frac{1}{2}$ inch diam.	5	13	6 per Pair.
"	4ft. 0in. " " " " " "	5	17	6 "
"	4ft. 6in. " " " " " "	6	3	6 "
"	4ft. 6in. " " " " " "	6	12	6 "
"	5ft. 0in. " " " " " "	7	6	0 "

Extra for self-fixing Pillars, 15/- per Pair.

Best Brass Warded Lock and Sham, 19/6 extra.

WROUGHT IRON HURDLES AND TREE GUARDS.

Ornamental Game-Proof Garden Hurdles.



These Ornamental Hurdles, for the protection of flower gardens, are made in lengths of 6 feet, and various heights. The end uprights are $1\frac{1}{2}$ inch wide by $\frac{1}{2}$ inch thick, and the horizontal bars 1 inch wide by $\frac{1}{2}$ inch thick. The vertical bars are $\frac{3}{4}$ inch diameter, and are placed $1\frac{1}{4}$ inch between the bars. They pass through and are securely fastened in the horizontal bars. All Hurdles under 4 feet high are made with three horizontals.

PRICES, including one coat of Paint:

Nos. 4 & 5.—Hurdles, 2 ft. 6 in. high above ground...							per yard,	s.	d.
15	24	15	3 ft. 0 in.	37	56	...	63	6	3
12	15	10	3 ft. 6 in.	39	55	...	59	6	6
15	24	15	4 ft. 0 in.	42	53	...	53	7	1

PRICES of Gates to Match are as under:

Ornamental Hand Gate, to match Nos. 4 & 6 Hurdles,		£	s.
3 feet wide x 4 feet high, with hangings for Wood Posts,	Each,	2	0
Ditto, and Cast Iron Pillars, having Self-fixing bases...	"	4	0
Pair of Gates to match, 3 feet wide x 4 feet high, with			
hangings for Wood Posts	"	3	19
Do. do., and Cast Iron Pillars, having Self-fixing Bases	"	6	0
Look and Sham 19/6 extra.			

All kinds of Ornamental Fencing, Entrance Gates, &c., made to order.

Wrought Iron Tree Guards.



These Guards are easily fixed, being made in Halves.



No. 11. 6 feet high. Rings $1\frac{1}{2} \times \frac{1}{2}$ inches; 4 principal Uprights $1\frac{1}{2} \times \frac{1}{2}$ inches; other Uprights $\frac{3}{4} \times \frac{1}{2}$ inch; space between Bars, 2 inches.

No. 12. Horizontal Bar Tree Guard, principally used to protect Trees growing on grazing land from Cattle.

PRICES, including one coat of Paint:

No. 11.	Tree Guards, 6 feet high, 9 inches diameter ...	Each	£	s.	d.
10	12	10	0	13	6
11	15	10	0	18	0
12	21	10	1	3	6
13	24	10	1	7	0
14	30	10	1	11	0
No. 12.	5 feet	30	1	3	6
15	6	33	1	7	6




PRICES are for not less than 6 Guards at a time.

FOR GARDEN FENCING AND DWARF FENCE, SEE PAGE 272.

WROUGHT IRON STANDARDS FOR WIRE FENCING.

STANDARDS FOR WIRE FENCING.

PRICES include one coat of Varnish.

No.	Description.	Height above ground	Depth in ground	Size of Iron.	PRICE per Dozen.
No. 190.	No. 192.	No. 193			
					
190	Standard with single prong foot	3 ft. 6 in.	1 ft. 3 in.	$1\frac{1}{2} \times \frac{1}{2}$	8 9
190a	" " " " "	3 " 6 "	1 " 3 "	$1\frac{1}{2} \times \frac{1}{2}$	10/11
190n	" " " " "	3 " 9 "	1 " 4 "	$1\frac{1}{2} \times \frac{1}{2}$	12 8
190c	" " " " "	4 " 0 "	1 " 4 "	$1\frac{1}{2} \times \frac{1}{2}$	14 10
192	Standard with double pronged foot.	3 " 6 "	1 " 1 "	$1\frac{1}{2} \times \frac{1}{2}$	11 11
192a	" " " " "	3 " 6 "	1 " 1 "	$1\frac{1}{2} \times \frac{1}{2}$	15.
192n	" " " " "	3 " 9 "	1 " 2 "	$1\frac{1}{2} \times \frac{1}{2}$	17 6
192c	" " " " "	4 " 0 "	1 " 3 "	$1\frac{1}{2} \times \frac{1}{2}$	20 1
193	Standard, having strong Angular foot with plates	3 " 6 "	1 " 4 "	$1\frac{1}{2} \times \frac{1}{2}$	20 1
193a	" " " " "	3 " 9 "	1 " 4 "	$1\frac{1}{2} \times \frac{1}{2}$	22 9
193n	" " " " "	4 " 0 "	1 " 6 "	$1\frac{1}{2} \times \frac{1}{2}$	26 3
193c	" " " " "	4 " 0 "	1 " 6 "	$1\frac{1}{2} \times \frac{1}{2}$	30 3

The above Standards can be prepared with any number of holes to order. The Prices are based upon not less than a dozen at a time.

For Prices of Fencing Wire, see pages 284 to 286.

SMITH'S FORGINGS OF ALL DESCRIPTIONS MADE TO ORDER OR QUOTED FOR ON RECEIVING PARTICULARS OF REQUIREMENTS.

WROUGHT IRON STANDARDS FOR BARB WIRE FENCING.

STANDARDS FOR BARB WIRE FENCING.

No. 198.

PRICES include one coat of Varnish.

No. 199.



No.	Description.	Height above ground.	Depth in ground.	Size of Iron.	PRICE Per Dozen.
198	Angle Iron Standards with Angle Iron feet } for Barb Fence 9 ft. to 12 ft. apart ... }	3 ft. 6 in.	1 ft. 9 in.	$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$	21/-
198a	" " " " " "	3 " 9 "	2 " 0 "	$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$	25/-
198b	" " " " " "	4 " 0 "	2 " 0 "	$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$	27/6
199	Flat Iron Standard, for barb wire fencing, } provided with tri-pronged feet ... }	3 " 6 "	1 " 6 "	$1\frac{1}{2} \times \frac{1}{2}$	17/6
199a	" " " " " "	3 " 9 "	1 " 6 "	$1\frac{1}{2} \times \frac{1}{2}$	18/-
199b	" " " " " "	4 " 0 "	1 " 9 "	$1\frac{1}{2} \times \frac{1}{2}$	19/6



The above Standards can be prepared for any number of barb wires to order. For Prices of Barb Wire, see page 285.
Hook Bolts for attaching Wires to the above Standards, Black 7-; Galvanized 8/9 per Gross.

STRAINING PILLARS AND STAYS FOR WIRE FENCING.

			For Fences $3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{2}$ feet high.
No. 501	Ratchet Winding Straining Pillars, and Double Stay for terminals for barb or plain wire ...	43,-	44/6	46/6	49,-	each.
No. 503	Ditto ditto for Intermediates without Stay ...	35/-	35/3	37/6	39/9	"
No. 502	Solid Square Straining Pillar with Double Stay for terminals ...	33/3	34/-	35/-	36/9	"
No. 505	Tubular Angle Pillar for corners with Solid Square Stay ...	39/9	40/9	41/3	44/-	"

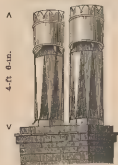
Drawings of above Pillars will be sent on application.

SMITHS' FORGINGS OF ALL DESCRIPTIONS MADE TO ORDER OR QUOTED FOR ON RECEIVING PARTICULARS OF REQUIREMENTS.

CHIMNEY TOPS AND COWLS.



No. 1



No. 2



No. 3



No. 4



No. 5



No. 7B. 5-ft. high.



No. 9



No. 9B

ALL these Cowls are carefully made and (in iron) are riveted and ALL PARTS GALVANIZED AFTER MANUFACTURE, and not, as some Cowls are, slightly made out of galvanized iron, and with black iron spindles, &c.

CHIMNEY TOPS, COWLS AND SMOKE CURERS.

No. 1. Patent Corrugated Conical Chimney Top.

This SMOKE CURER is constructed upon scientific principles, which must ensure success in the object desired, while at the same time it is of elegant appearance and of very low price.

Painted Iron.	Zinc	Galvanized Iron.
16/6	18/9	21/- each.

With Square Base 14 in. x 9 in.

No. 2. Stead's Patent Chimney Top.

This invention has now stood the test of time, and with unqualified success. The peculiar construction of these Smoke Curers is such that a strong upward current is produced, while, on the other hand, *all down draught is effectually prevented*. That long wished for desideratum, a perfect remedy for smoky chimneys, has at length been achieved.

Painted Iron.	Zinc.	Galvanized Iron.
20/6	22/6	26/- each.

With Square Base 14 in. x 9 in.

In some positions it is found useful to have a cone or hood attached to our "Stead's" Tops. These are supplied at an extra charge of 2/6 each net, in either iron or zinc.

No. 3. Patent Circumvolutory Chimney Tops.

It is obvious, from this arrangement of curved shields, that any wind passing in between the edges of the shields and the concave surfaces of the inner blades will be forced by the latter against the concave surface of the former, round which it will pass, and will escape at the other edge thereof, without entering the narrow openings between the inner blades, which will consequently afford free egress for the smoke.

Painted Iron.	Zinc.	Galvanized Iron.
17/-	19/-	21/6 each.

With Square Base 14 in. x 9 in.

No. 4. Revolving Malt House Cowl.

	3 in.	4 in.	6 in.	9 & 10 in.	11 in.	12 in.
Zinc ...	5/3	6/-	6/6	7/-	8/-	9/- each.
Galvanized Iron ...	8/-	9/-	9/6	10/6	12/-	12/9 "

Can be used with straight chimneys, or with small straps when so ordered, to fit into existing pots at about extra as No. 6 Lobster Back Cowl, see page 266.
SEE ALSO FOOT NOTE.

No. 5. Revolving Vertical Cowl.

	3-in.	4-in.	6-in.	9 & 10-in.	11-in.	12-in.
Zinc ...	5/3	6/-	6/6	7/6	8/-	9/- each.
Galvanized Iron	7/6	8/-	8/6	9/6	11/6	12/6 Fire Proof.

Can be used with straight chimneys (instead of tapered) and straps when so ordered, to fit into existing pots at about extra as No. 6 Lobster Back Cowl, see page 266.
SEE ALSO FOOT NOTE.

No. 7. The Albert Chimney Top.

Zinc.	Galvanized Iron.
18/6	20/- each.

No. 7B. With Square Base for kitchen chimneys, &c. (as No. 9B)

Zinc.	Galvanized Iron.
25/6	27/6 each.

No. 9. Day's Patent Windguard.

	8	9	10 inch.
Zinc ...	13/6	14/6	16/- each.
Galvanized Iron ..	13/6	15/-	17/6 "

No. 9B.

With Square Base for brickwork, 14 in. x 9 in.

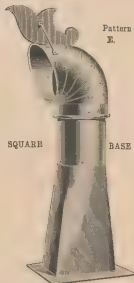
Zinc.	Galvanized Iron.
20/-	21/- each.

N.B.—By an improvement in our Nos. 4 and 5 Cows, they are now made to revolve so that they are comparatively noiseless.

All our Chimney Tops and Cowls are noted alike for the excellence of workmanship and quality of material employed, rendering them serviceable and durable articles.

GALVANIZED IRON AND ZINC LOBSTER COWLS.

No. 6.—Revolving Lobster-back Cowls.



SQUARE BASE

FIRE PROOF

GALVANIZED IRON LOBSTER COWL,

4-ft. high ... 14 in. x 9 in. Base ... 17 6 each.
 5-ft. " ... do. do. ... 20 6 "

In Zinc at same prices.

FIRE PROOF

STRONG GALVANIZED IRON LOBSTER COWL, 18 W.G.

4-ft. high ... 14 in. x 9 in. Base ... 42/- each.

By an improvement in these Cowls, they are now made to revolve so that they are comparatively noiseless. IN ORDERING, PLEASE SAY PATTERN REQUIRED.

The Cowls under No. 6, which are 1 1/2 ft. wide are made with a strap to slip over the cowl or revolving part. The Box and Linger are made to slip on with straps, as in the same, as shown.

These Cowls are particularly known for excellence of manufacture. All Spindles and Iron work are Galvanized. They are the best and cheapest articles of the kind in the market.



Ordinary Round Base

Pattern A



Ordinary Round Base,

GALVANIZED IRON.

Size of Base.	Taper.	Straight Sides.
3 inch ...	7 6	8 each.
4 " ...	8 -	8 6 "
5 " ...	8 6	10 "
6 " ...	10 -	10 6 "
7 " ...	10 6	11 6 "
8 " ...	10 6	11 6 "
9 " ...	11 6	12 6 "
10 " ...	12 6	- "

GALVANIZED AFTER MANUFACTURE.

— FIRE PROOF. —



With Straight Sides and Straps.



With Straight Sides and Straps.

ZINC.

Size of Base.	Taper.	Straight Sides.
3 inch ...	5 6	6- each.
4 " ...	6 -	6 6 "
5 " ...	6 6	7 "
6 " ...	7	7 6 "
7 " ...	7 6	7 6 "
8 " ...	7 6	8 3 "
9 " ...	8 3	9 9 "
10 " ...	9 9	- "

CHIMNEY COWLS AND VENTILATORS.

THE "CONQUEROR"

(PATENT)

Ventilator and Smoke Curer.

No. 40



In construction this Cowl is similar to an ordinary Lobster-back Cowl. It works on a spindle, with feather on top of hood to keep the open back to the wind which, always blowing through, causes an up-draught, and at the same time, disperses the smoke or foul air.

The draught of chimney is improved and down currents prevented.

GALVD. IRON, 10 in., with Round Base ... 16, 6 each.

Do. do. 10 in., " Square Base, 14 in. x 9 in. }
Height about 4 ft. 6 ins. } 23 "

ZINC, 10 in., " Round Base ... 15 "

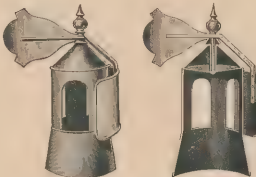
Do. ... 10 in., " Square Base, 14 in. x 9 in. }
Height about 4 ft. 9 ins. } 21 9 "

THE "SHIELD"

(PATENT).

AN ENTIRELY NEW INVENTION, AND WILL COMMEND ITSELF AS ONE OF THE BEST AND MOST ECONOMICAL COWLS IN THE MARKET.

No. 39



SECTION.

STEEL SPINDLE WORKING IN OIL. ABSOLUTELY NOISELESS.

NO OBSTRUCTION TO SWEEP'S BRUSH.

SPINDLE ENTIRELY PROTECTED FROM SOOT AND DIRT.

PRICES:

	3 in.	4 in.	6 in.	9 in. & 10 in.	11 in.	12 in.
Zinc ...	12/0	13/8	13/6	17/6	18/-	19/3 each.
Galvanized Iron	16/-	16/-	16/3	17/9	19/6	20/3 "

(Fireproof,

CHIMNEY TOPS AND VENTILATORS.

THE "SYPHON." THE "SANDRINGHAM."
(PATENT).

"CLIMAX."

"CLIMAX."



No. 10.
See Special Testimonials.
10,000 in use.



No. 11.



No. 12

In Calm Weather.



No. 12

In Stormy Weather.

For Prices see page 309.

CHIMNEY TOPS AND VENTILATORS.

No. 10. The "Syphon" Chimney Top and Ventilator.

Is usually found certain and perfect in its action for preventing down-draught. No movable parts to get disarranged. The harder the wind blows, and the more vertical in its direction, the greater is the up-draught in the Chimney. THE MOST PERFECT VENTILATOR ever introduced, because it is self-acting. WITH SQUARE BASE 14-in. by 9-in.

Zinc,
29 each.

Galvanized Iron,
23/9 each.

Prices for smaller sizes, with short round bases, are as under: Any intermediate size will be the cost of the larger diameter, i.e., a 7-in. would be charged as an 8-in.

2-in. ... Zinc, 10/9 each.
4 in. ... " 14/- "
6-in. ... " 17/6 "
8-in. ... " 21/- "

2-in. ... Galvanized Iron, 15/8 each.
4-in. ... " " 18/8 "
6-in. ... " " 23/- "
8-in. ... " " 25/8 "

THE TUBES FOR
INTERMEDIATE SIZES ARE
REDUCED THUS



The small sizes 2 in. to 8 in. are made with single cone = not double cone as illustration.

No. 11. The "Sandringham" Ventilator and Chimney Top.

Designed for preventing down draught and assisting egress of smoke. The Concave Shields give a circular direction to the currents of air striking them, drawing the smoke out through the openings. There are no ledges for soot to accumulate, and plenty of space in the head. The height is 5 feet. WITH SQUARE BASE, 14 in. x 9 in., FOR BRICKWORK.

Zinc,
29/- each.

Galvanized Iron,
23/9 each.

Prices for smaller sizes, with short round bases, are as under:—

2-in. ... Zinc, 10/9 each.
4-in. ... " 14/- "
6-in. ... " 17/- "
8-in. ... " 21/- "

2-in. ... Galvanized Iron 15/8 each.
4-in. ... " " 18/8 "
6-in. ... " " 23/- "
8-in. ... " " 25/8 "

No. 12. The "Climax" Chimney Top

Is now well known, and is the result of many years study and experience.

Zinc,
42/6 each.

Galvanized Iron,
45 each.

No. 12a. The "Lilliput" Chimney Top.

Round base 8 in. in diameter.

Galvanized Iron.
12/3 each.

CHIMNEY TOPS AND VENTILATORS.

STRONG TALL-BOYS.—No. 8.

WITH SQUARE BASE 14 x 9 in.

ZINC

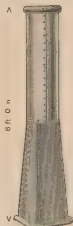
GALVANIZED IRON OR STEEL



PATTERN A.



PATTERN B.



PATTERN C.

Single T, or One-arm
FLUE.

No. 41.

Zinc . . . 12/- each

Iron or Steel . . . 18/6 each.

18 W.G. . . . 27/- each.

20 W.G. . . . 22/6 "

With Square Base, 14 x 9 in.

Zinc . . . 20/- each.

Galvanized Iron . . . 22/6 "

GALVANIZED AFTER MANUFACTURE.

OTHER SIZES AT PROPORTIONATE PRICES.

CHIMNEY TOPS AND VENTILATORS.

T FLUE.



No. 42.

With Square Base, 14 x 9in.

Zinc ... 37/6 each.

Galvanized Iron ... 42/6 "

ELBOW TOP.



No. 20

With Square Base, 14 x 9in.

Galvanized Iron ... 17/3 each.

Zinc ... 16 "

Lobster Back Cowl.

GOVERNMENT PATTERN.



No. 23.

With Square Base, 14 x 9in.

Made in Strong Zinc.

Price ... 46/- each.

ALL OUR IRON AND STEEL TOPS ARE GALVANIZED AFTER MANUFACTURE.

CHIMNEY TOPS AND VENTILATORS.

SUGAR LOAF CHIMNEY TOPS.

The "CONE" Top.

The "MODEL"
Ventilator.

(REGISTERED.)



No. 21

With Square Base, 14 x 9 in.

Galvanized Iron ... 17/6 each.

Zinc ... 16/-



No. 22

With Round Base.

For slipping into Tall-boys and pots.
8, 9 & 10 in. diam.

Galvanized Iron or Zinc ... 10/- each



No. 45.

With Round Base.

Well made and strong.

For slipping into Tall-boys and pots.
8 and 9 in. diam.

Galvanized Iron ... 8/6 each.



3-in.

No. 18.

This Ventilator has given the greatest satisfaction for preventing down-draught. Simple and effective. Specially suited for Soft Pipes. Patenting.

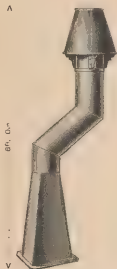
2-in. ... 10/6 made in Zinc.
3-in. ... 11/6
4-in. ... 13/6
6-in. ... 18/6

Other sizes made to order.

CHIMNEY TOPS AND VENTILATORS.

ELBOW FLUE.

WITH SUGAR-LOAF TOP.



No. 24.

With Square Base, 14 x 9 in.

Galvanized Iron ... 26 6 each.

Zinc ... 24 6 "

The "Concave" or
"Consummation" Top.

No. 25.

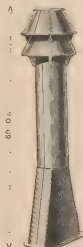
With Square Base, 14 x 9 in.

Galvanized Iron ... 27 6 each.

Zinc ... 26 6 "

TALL-BOY.

WITH STRONG CONES.



No. 26.

With Square Base, 14 x 9 in.

Galvanized Iron ... 24 each.

Zinc ... 21 9 "

Additional Cones can be had at
2/6 each extra net.

THE "EUSTON."



No. 37.

With Round Base.

Galvanized Iron 12 9 each

CHIMNEY TOPS AND VENTILATORS.

No. 35.



CHIMNEY TOP.

The "GOODSTONE."

(PATENT)

This article has proved very successful. It is a carefully thought-out invention, and has effected cures in most obstinate cases, creating a strong up-draught whilst preventing all downward currents.

NOTHING TO GET OUT OF ORDER.

WELL AND STRONGLY MADE

NO OBSTRUCTION TO SWEEP'S BRUSH.

CHIMNEY TOPS.

Galvanized Iron (Fire Proof) 37/6 each. | Zinc 33/9 each.

With Square Base, 14-in. x 9-in. Height, 6-ft.

No. 36.



VENTILATOR.

VENTILATORS.

		Galvd. Iron.	Zinc, Japd.			Galvd.	Zinc, Japd.
2-in. with round base	...	15/-	13/- each.		8-in. with round base	25/-	22/- each.
3-in. " "	...	16/6	14/- "		9-in. " "	27/6	24/- "
4-in. " "	...	18/6	15/- "		10-in. " "	30/6	27/6 "
6-in. " "	...	20/-	18/6 "		12-in. " "	35/-	32/6 "

STRONGLY RECOMMENDED FOR SOIL PIPES.

REVOLVING CHIMNEY TOP AND VENTILATOR.

The "FITZROY" (PATENT).

Revolves on a carefully turned steel spindle, pointed at both ends, and working on two centres so that the Cowl cannot become fixed or fast in one position and so fail to rotate. It is noiseless, and the Fans are so arranged that they clear themselves from soot, and there is no obstruction to the sweep's broom.

The construction of this Cowl is such that it is made to revolve by the action of the up-draught induced in the Chimney by the fire below, and does not rely on an external wind to cause this revolution. Is self cleansing, and the Head is fixed so that it cannot be blown off or lifted by the wind.

No. 13



CHIMNEY TOPS

9-in., with Square Base, 14-in. x 9-in.	..	...	...	50/- each.
10 " " " " 14 " x 9 "	...	...	...	52/6 "
12 " " " " 14 " x 12 "	}	...	...	60 "
Is Recommended for Kitchen Chimneys				
6-in., with Round Base	..	...	...	30 "
8 " " " "	...	...	...	35 - "

No. 14.



VENTILATOR.

VENTILATOR.

This is made in the same way as above, but with extra number of Fans. No down draught.

2-in., with Round Base...	...	23/3 each.	9-in., with Round Base	...	42/3 each.
3 " " " " " "	...	25/3 "	10 " " " " " "	...	45/6 "
4 " " " " " "	...	28/3 "	11 " " " " " "	...	48/6 "
5 " " " " " "	...	33/9 "	12 " " " " " "	...	54/6 "
6 " " " " " "	...	37/9 "	14 " " " " " "	...	63 - "

A Can of Oil is sent with each Cowl or Ventilator, price 1/- each.

Made of sheet steel tinned; the base of galvanized iron; and the whole japanned black.

THIS COWL IS NOT MADE FIRE-PROOF.

REVOLVING FIREPROOF CHIMNEY TOP AND VENTILATOR.

FIRE PROOF.

No. 15.



CHIMNEY TOP,
(IMPROVED.)

THE "INVINCIBLE."—(REGISTERED).

FIRE PROOF.

Is well-constructed, and revolves on a carefully-turned steel spindle, friction being reduced to a minimum. It is noiseless, self-cleansing and there is no obstruction to sweep's broom. It is made of Strong Iron, Galvanized after made, and japanned and well riveted throughout. It is ornamental in appearance; is an excellent smoke curer, very durable and is low in price. The head is so made that it cannot be blown off, or lifted, by the wind.

It has been in the market now for some time and we have had no instances of failure; but we are constantly offered Testimonials to, so successful has this article proved.

IT IS ENTIRELY FIRE-PROOF

CHIMNEY TOPS. Fire-Proof.

9 in., with square base, 14 in. by 9 in.	38 3 each	4 in., with Round Base ..	20 each
10 " " " do. do.	40 6 "	6 " " " " " " " "	22 6 "
12 " " " 14 in. by 12 in.	45- "	8 " " " " " " " "	29 6 "
<i>Is recommended for Kitchen Chimneys</i>		9 " " " " " " " "	31 "

THE SMALL SIZES STRONGLY RECOMMENDED FOR STOVES.

VENTILATORS.

This Ventilator is made upon the same principle as above, but with extra number of Fans.

Can be made with Square or Cushion Base, to fit wood Caid, if required

EFFECTIVE.		NOISELESS.		NO DOWN DRAUGHT.	
2 in., with Round Base	17- each	8 in., with Round Base	31 each		
3 " " " "	20 3 "	9 " " " " "	32 "		
4 " " " "	22 6 "	10 " " " " "	33 9 "		
6 " " " "	25 3 "	12 " " " " "	38 "		
14 in., with Round Base	50 9				



VENTILATOR
(IMPROVED.)

ALSO IN
COPPER

The small sizes of FIRE-PROOF Cowl are much used for STOVES. The Ventilators for Soil Pipes, &c.

A Can of Oil is sent with each Cowl or Ventilator, 1/- each.

Instructions for fixing sent with each article

TIME HAS PROVED THE "INVINCIBLE" A VERY EFFECTIVE SMOKE CURER AND VENTILATOR.

IMPROVED ARCHIMEDEAN VENTILATOR. No. 47.

This Ventilator, which is so well known by the above name, possesses the following important improvement, viz., that the screw is made of strong Zinc in only *two* places, instead of *Iron* in *two* places as hitherto. By this improvement the risk of the screw coming apart, or decaying by the rusting of iron, is reduced to a minimum; Zinc, of course, will not rust. As the Screw forms the chief feature, and is the most important principle in the Ventilator,

THIS IMPROVEMENT IS OF GREAT VALUE.



Pattern
No. 1.

Made Ornamental
with Square Bottom.



Pattern
No. 1.

With Square Bottom.



Pattern
No. 1.

With Round Bottom.



Pattern
No. 1.

Made Ornamental
with Round Bottom.



Pattern
No. 2.

With Square Bottom
and Plange for fitting
into brickwork. For
Curing Smoky
Chimneys.



Pattern No. 3.—For Railway Carriages

A shows the Ventilator as fixed outside the Carriage.

B shows the valve inside the carriage, which opens or closes as required. These are on the same principle as the No. 1 Ventilator, and are used for Ventilating and taking away Smoke from Railway Carriages, and are in use on several Railways.

These Ventilators give great satisfaction.

Large Stocks.

See Prices page 319.

IMPROVED ARCHIMEDEAN VENTILATOR AND CHIMNEY TOP. No. 47.

PRICES.

ARCHIMEDEAN VENTILATORS, NO. 47.																	
	2-in.	3-in.	4-in.	5-in.	7-in.	8-in.	9-in.	10-in.	11 in.	12-in.	14-in.	16-in.	18-in.	21-in.	24-in.	27 in.	30-in.
Pattern No. 1, with Square Bottom to fit outside wooden base... ..	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	£ s. d. £ s. d.	
	— 1 10	1 15 1 26	1 50 1 53	1 70 1 11 6	1 16 0 2 0	2 3 6 3 3 0	3 16 1 4 7 8	5 8 9 7 0 0	8 2 0								
Pattern No. 1, made Ornamental, with Square Bottom to fit outside wooden base... ..	— 1 26	1 40 1 60	1 90 1 10 0	1 12 6 1 17 6	2 2 0 2 3 6	2 15 0 3 7 6	4 9 0 5 17 6	6 17 6 7 5 0	8 15 0								
Pattern No. 1, with Plain Round Bottom to fit on round tubes	0 15 0 0 15 6	0 17 6 1 0 0	1 9 0 1 3 0	1 5 2 1 9 9	1 13 4 1 16 0	2 5 0 2 17 0	3 12 0 3 19 0	4 17 1 5 0 7	15 0 7 15 0								
Pattern No. 1, made Ornamental, with Plain Round Bottom to fit on Round tubes	1 10 1 10	1 26 1 36	1 50 1 76	1 86 1 18 0	1 17 6 2 0 0	2 10 0 3 26	3 17 6 4 7 6	5 7 1 6 5 0	8 5 0								

The small sizes are much used for Ventilating Soil Pipes, &c.

Made Fireproof and C.S.T. above prices.

Special quotations furnished for larger sizes upon application.

SPECIAL PRICES FOR COPPER ARCHIMEDEANS FOR STABLE VENTILATION, &c., ON APPLICATION.

ARCHIMEDEAN Chimney Top. No 47	Diameter.	Size at Base.	Total Height.	Price
Pattern No. 2, for Caring Smoky Chimneys, with Square Bottom for fitting into brickwork	10-in.	12-in. x 8-in.	4 ft. 6-in.	£2 2 9
	11-in.	14-in. x 9-in.	4 ft. 6-in.	£2 7 3
	12-in.	14 in. x 10-in.	4 ft. 6-in.	£2 11 0
NOT FIRE-PROOF.	14 in.	14-in. x 12 in.	4 ft. 6-in.	£2 16 6

Any other height or dimensions can be supplied at proportionate prices. Plain Round Base for No. 2 instead of Square 2 6 each less.

If made Fireproof add 2/6 to above Prices.

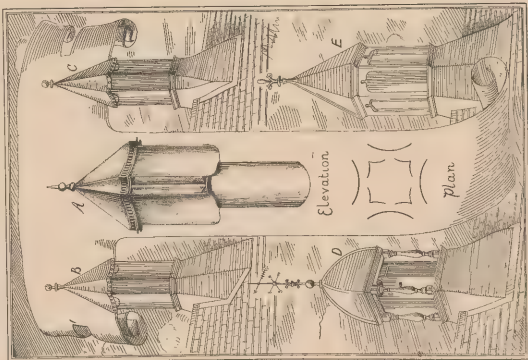
Pattern No. 3, for Railway Carriages SPECIAL PRICES UPON APPLICATION.

Cans of Oil (supplied with each Ventilator) 6-in. to 9-in. ... 1 3 10-in. to 14-in. ... 1 9 16-in. to 30-in. ... 2 -

N.B.—All the above Prices include Painting usual good Colour: but they can be painted any colour desired.

ALEXANDER'S UNIVERSAL PATENT "DEFLECTOR" VENTILATOR.—No. 48.

F. BRABY & CO., LIMITED, SOLE MANUFACTURERS.



For Prices and Sizes see page 321.

ALEXANDER'S UNIVERSAL PATENT "DEFLECTOR" VENTILATOR.—No. 48.

F. BRABY & CO. LIMITED, SOLE MANUFACTURERS

The necessity of proper ventilation for the preservation of health is becoming more recognized every day. The subject of a continual supply of pure air has in recent years increasingly engaged the attention of mechanicians.

It is believed that the patent "DEFLECTOR" VENTILATOR, which is the result of much thought and experience, thoroughly fulfills all the conditions that have been formulated as axioms of scientific requirement. It is so called in consequence of its diverting the direction of air currents in such a manner as to prevent down draught and the entrance of rain or snow, at the same time exercising a powerful syphonic action and exhaust pressure in the upcast, with positively no obstruction to the efflux of vitiated or heated air.

The "DEFLECTOR" has the further recommendation of containing no movable parts, being entirely self-acting.

This Ventilator is made of various external designs, to meet the exigencies of different styles of buildings, but is of uniform principle in every case, and is adapted for air tubes and soil pipes of every size, and particularly to roofs of all descriptions, turrets, gables, &c., for the circulation of fresh air in churches, chapels, halls, for large and small rooms, and for ships' cabins.

The materials used in its construction are Zinc, Copper, or Galvanized Iron. Zinc of F. BRABY & Co.'s well known quality is generally preferred, being light yet strong and durable.

Prices of Pattern A, Round Base for Air Tubes, Soil Pipes, &c.
IN ZINC JAPANNED.

Diameter of Shaft { inches.		2	3	4	5	6	8	10	12	15	18	21	24
Each	...	13/6	17/-	20/3	25/3	30/6	40/6	54/-	74/3	118/-	157/6	208/-	304/-

For Square Base add 15% to nett cost.

Estimates promptly supplied for Patterns B, C, D, or E, of any dimensions, in Zinc or Copper, &c., or to any other EXTERNAL design which may be furnished by the Architect.

F. BRABY & Co. send competent workmen to fix in any part of the country at moderate charges.

TESTIMONIALS.

B, ST. GEORGE'S STREET, CANTERBURY, 30th July, 1882.

Dear Sirs, I am pleased to state the two Alexander's Patent Deflector Ventilators supplied by you are giving entire satisfaction, and in each case have proved to cause a thorough up-draught.

Messrs. F. BRABY & Co.

Yours truly,

WM. TICE.

116 and 118, CLETHORPE ROAD, GRIMSBY, May 8th, 1883.

Dear Sirs,—In reply to yours of the 27th ult. we have pleasure in stating that the "Patent Deflector Ventilators" we have had from you have given entire satisfaction. We have used them for ventilating, and also for carrying away waste steam from steam closets, in each case a success.

Messrs. F. BRABY & Co.

OAKDEN & SHARPE.

88, HIGH ROAD, KILBURN, LONDON, 12th March, 1882.

Dear Sir,—I have used several of your Deflector Ventilators and have found them act satisfactorily in every respect.

Messrs. F. BRABY & Co.

Yours faithfully,
S. BARNETT.

"ELLIOTT'S" PATENT CHIMNEY TOP AND SOIL PIPE VENTILATOR.

A No. 27.



DOWN DRAUGHTS ENTIRELY PREVENTED.

UP DRAUGHTS INDUCED BY LATEST IMPROVEMENTS.

This most effective Smoky Chimney Curer has been so designed that the possibility of any Down Draughts from wind pressure, from any quarter, is entirely prevented; but, owing to the arrangement of the Plates, the slightest movement of the atmosphere causes an up current.

Made in Sheet Iron, galvanized after manufacture, with usual square base (14 x 9),

for Brickwork 37 6 each.

(Can be made to suit any size base, round or square.)

Extra strong (of 18 B. W. G.) ditto 58 6 "

This is equally adaptable as a Ventilator, and when required for this purpose we put a Condensing Gutter inside, the cost of which is 7,6 extra.

No. 28.



SIMPLE. EFFECTIVE.

This is one of the cheapest and best Ventilators extant.

Made in the following sizes:—

Size	2-in.	3-in.	4-in.	5-in.	6-in.
Each	10/6	11 -	12 -	15 -	18 6

"ELLIOTT'S" PATENT VENTILATOR.

No. 29



"ELLIOTT'S" Ventilators.

No. 29. This will be found a most effective VENTILATOR for HALLS, WORKSHOPS, CHURCHES and PUBLIC BUILDINGS of every description. It can, of course, be supplied with plain round base if required.

No. 30.



No. 30. Is of the same construction, but specially adapted for use on STEAM-SHIPS and RAILWAY CARRIAGES.

PRICES, in strong Galvanized Steel for either shape.

4in. Pipe	..	..	£1	10	0	10in. Pipe	..	..	£3	15	0
6in. "	..	...	2	5	0	12in. "	..	..	4	10	0
7in. "	..	...	2	12	6	14in. "	..	...	5	5	0
8in. "	..	...	3	0	0	16in. "	..	..	6	0	0
9in. "	..	...	3	7	6						

Can also be made in Copper or Brass, if required.

VENTILATORS.

SHIP AND BARGE VENTILATORS.

Ship and Barge Ordinary Rib Head Ventilator.



No. 49.

WITH SHORT PIPE AND BAND.

20 GAUGE

PAINTED IRON.

Prices

8	10	12	14 inch.
176	196	256	30 - each.

Ship and Barge Bell Mouth Head Ventilator.



No. 50.

WITH BRASS BEAD,

SHORT PIPE AND BAND.

20 GAUGE.

PAINTED IRON.

Prices.

8	10	12	14 inch.
336	40	466	50 - each.

CAN BE HAD GALVANIZED AT ABOUT 25 % EXTRA.

SPECIAL SIZES PROMPTLY MADE TO ORDER.

RIVETED IRON CHIMNEY SHAFTS, FUNNELS, &c.

PRICES Per Lineal Foot.

Diameters. (Inside)	No. 1 Quality, ($\frac{7}{16}$ -in. thick.)				No. 2 Quality, ($\frac{1}{2}$ -in. thick.)				No. 3 Quality, ($\frac{1}{4}$ -in. thick.)			
	Black (plain) or Painted.		Galvanized.		Black (plain) or Painted.		Galvanized.		Black (plain) or Painted.		Galvanized.	
<i>Feet.</i>	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
6	1	6	5	0	2	6	3	3	1	0	2	0
7	4	0	7	0	2	0	3	6	2	0	2	6
8	5	0	8	0	3	3	4	3	2	0	2	6
9	5	6	8	6	3	9	5	0	2	6	3	0
10	6	6	9	0	4	3	5	0	3	0	3	0
12	7	0	9	6	5	3	6	0	4	0	4	0
15	8	0	11	0	6	0	8	0	5	0	5	0
18	10	0	13	0	7	0	10	0	6	0	6	0
21	11	6	15	0	9	0	11	0	7	0	8	0
24	12	6	17	0	10	0	13	0	8	0	9	0

The above prices are only for the Pipes, and are not inclusive of the Band round top, nor the Flange round bottom, which, if required, are extra.

Base Plates and Iron Tie Rods or Stays extra, according to size and number.

Other descriptions of Wrought Iron Chimneys, Pipes, &c., either in Black or Galvanized Iron, Riveted or Seamed, made to Specification.

For prices of Stove Pipes in lighter gauges, Elbows &c., see pages 124 and 125.

All our Chimney Tops, Ventilators, &c., are thoroughly well made of Strong Zinc or Galvanized Iron. Some thousands are kept in stock, and can be supplied at a day's notice. Special descriptions made promptly to order.

We also have a large demand for Zinc and Iron Astragals for Chimney Tops, Corners, Pipes, &c.,—see pages 86 and 87. These can be supplied upon receipt of order.

No. 51.

INLET VENTILATING TUBES.

ZINC VERTICAL INLET TUBES.

No. 52.



No. 1. With Valve and Return into Wall.

Section	9-in. \times 3 $\frac{1}{2}$ -in.
Height	5-ft. 6-in.
PRICE	18,6 each.

No. 1. WITHOUT VALVE, but with Return into Wall.

Section	9-in. \times 3 $\frac{1}{2}$ -in.
Height	5-ft. 6-in.
PRICE	14,6 each.

No. 2. For Corners or Angles, with Valve, and Return into Wall.

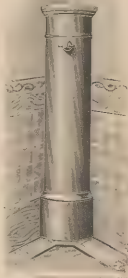
Section Each Angle 5-in. \times 6 in. back to front.	
Height	5-ft. 6-in.
PRICE	19,6 each.

THE ABOVE MADE OF STOUT ZINC.

All Sizes and Descriptions of Zinc Ventilating Tubes made promptly at low prices.

Galvanised Iron Tubes specially quoted for.

No 53



INLET AND OTHER VENTILATORS.

No. 54.

Ornamental Inlet Tube.

With Valve and return into wall.

Height ... 5-ft. 6-in.
Section ... 9 x 3½-in.
PRICE ... 27/-

MADE OF STOUT ZINC.



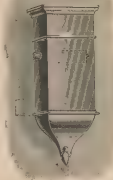
No. 55.

Ornamental Inlet Tube.

With Valve and return into wall.

Height ... 2 ft. 3 in.
Section ... 8 x 3 in.
PRICE ... 18/-

MADE OF STOUT ZINC.



Silk Flap Ventilators. No. 56.

(NOISELESS)

For the extraction of
Vitrated Air through Air
Shafts and the exclusion
of Down Draught



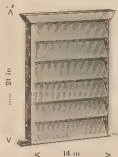
Size of front	11 x 5½	11 x 8½	11 x 11½	15 x 11½
	s. d.	s. d.	s. d.	s. d.
Plain	4 3	7 6	9 0	11 0
Japanned Bronze	5 0	8 6	11 0	13 0
With Brass Trellis Fronts	9 9	17 8	26 0	39 0

These Ventilators are not recommended for Smoke Flues for which
purpose Arnott's Ventilators (see page 328) are used.

No. 34.

Galvanized Iron Louvre Inlet Ventilator.

Suitable for Ventilating Stables, etc.



Size, 21 x 14-in., with
FIVE LOUVRES 13 6 each.

Do. do. with Louvres
to open and shut 25

Other sizes can be made to order.

For Roof and Ceiling Ventilators, see following pages.

For Window Ventilation see page 328.

INLET AND OTHER VENTILATORS.

BRABY'S
"SHERINGHAM'S" VENTILATORS.

BALANCE

For the introduction of Fresh Air through an external wall.

Pulleys are either right or left.

No.	Each.	Each.	Each.	Each.	Each.
1. IRON Painted	5/3	5/6	6/6	2/4	8/3
4. " Painted Bronze	5/3	8/6	8/9	28/-	8/6
6. " Japanned	6/-	9/6	8/-	29/-	9/6
2. " White & Gold	6/6	11/3	9/-	32/-	11/3
5. GALVANIZED—Plain—	6/6	11/3	9/-	32/-	11/3
7. " Japd. White and Gold	10/-	14/6	11/6	39/-	14/3
8. " Cold. to match Walls	10/-	14/6	11/6	39/-	14/3
3. " With Brass Fronts and Doors	21/-	57/-	36/-	—	57/-

No.	Each.	No.	Each.	No.	Each.
A	1	B & E	1	C	1
Weights, Plain Coloured	1	1	8	1	1
" Japanned Bronze	6	1	6	1	1
" " White and Gold	2	1	2	2	2

ORNAMENTAL AIR BRICKS FOR OUTSIDE

Plain ... per doz.	9x3, 3/6	9x6, 6/6	13x6, 16/-	17x12, 30/-
Galvanized do. " 7/-	" 11/-	" 24/-	" 48/-	

SEE LIST IN THE ADVERTISER'S LIST.

FOR WINDOW VENTILATION SEE PAGE 328.

BRABY'S
"ARNOTT'S" VENTILATORS.

PLAIN FRONTS.



MOULDED FRONTS



For the discharge of heated and impure air into Flues or Air Shafts.

PLAIN FRONTS.

Size of Fronts.

	11x8 in.	16x9 in.	9x3 in.
No. Each.	No. Each.	No. Each.	No. Each.
Plain Iron	1 6/3	5 10/3	2 1/2
Galvanized	1 6/3	5 10/3	2 1/2
Japanned Bronze	2 8/3	6 11/3	3 1/2
Japanned White and Gold	3 10/3	7 14/3	4 1/2
Brass Fronts	1 2/2	8 5/3	1 1/2
Brass Trellis for Fronts of above, extra	4 3/3	7 6/3	—

MOULDED FRONTS.

Size of Fronts

	12x8 1/2 in.	16x10 1/2 in.
No. Each.	No. Each.	No. Each.
Plain Iron (exclusive of Trellis)	3 8/3	2 11/3
Japanned Bronze	10 10/3	13 18/3
Japanned White and Gold	11 12/3	14 18/3
Brass Trellis for Fronts of above, extra	5/6	8/9

Nos. 20 to 23.

GOTHIC FRONTS.

Nos. 25 to 28.



No.	10x6	No.	10x6
20 Plain Iron	Each 5/3	25 Plain Iron	Each 5/3
21 Japanned Bronze	7/3	26 Japanned Bronze	7/3
22 " White and Gold	9/6	27 " White and Gold	9/6
23 Brass Fronts	21/6	28 Brass Fronts	21/6

SANITARY MICA VALVE INLET VENTILATORS.

FRESH AIR MICA INLET VALVES.

FOR VENTILATING DRAINS, SOIL PIPES, &c. ADMITTING PURE AIR WHILE PREVENTING THE EXIT OF FOUL AIR.

No. 19.

Galvanized Wrought Iron.



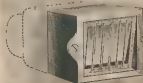
No. 31.

Galvanized Cast Iron.



No. 32.

Galvanized Cast Iron.



Either Vertical (as shewn),
or Horizontal.

For 3 in. or 4 in. Pipes.

PRICE 6/6 each.

WITH IMPROVED BRASS FRONT.

Vertical.

PRICES.

For 3 in. Pipe	... ..	4- each.
For 4 in. Pipe	... ..	4- "
For 6 in. Pipe	... ..	12 "

WITH IMPROVED BRASS FRONT.

Horizontal.

PRICES.

For 3 in. Pipe	... ..	4/9 each.
For 4 in. Pipe	... ..	4/9 "

If required with Faucet Ends, Price 2/- each extra.

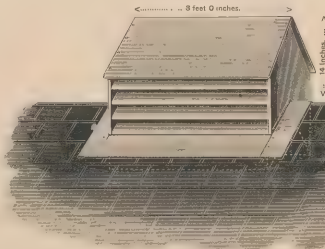
Other Sizes made to Order.

Also for Square or Rectangular Pipes.

FOR SKYLIGHTS, WINDOW AND CEILING VENTILATORS, SEE FOLLOWING PAGES.

GALVANIZED IRON RIDGE VENTILATORS.

BRABY'S LOUVRE RIDGE VENTILATORS. No. 61.



These Ventilators are made to fit the pitch of Roof, with Flanges to lap the Slates or Tiles. Each Ventilator is made with an Iron Socket, as shown by dotted lines in above sketch. They are Waterproof, and free from down draught. Made of 22 W.G. Iron or Steel and Galvanized.

The above Ventilator is 3 ft. 0 in. along Ridge x 1 ft. 2 in. wide and 1 ft. 2 in. high, as shown. From Flange to Eaves the height is also 1 ft. 2 in. These Ventilators, by a simple arrangement of cord and pulleys, can be made with Louvres to open and close. Extra strong Louvres are, however, necessary and provided.

PRICES.—With fixed Louvres.

3 ft. 0 in. long	..	..	..	..	£2	7	6
2 ft. 6 in. "	...	...	...	...	2	2	6
2 ft. 0 in. "	...	...	...	...	1	17	6

PRICES.—With strong Louvres to open and close.

3 ft. 0 in. long	..	..	...	£4	4	0
2 ft. 6 in. "	...	...	...	3	15	0
2 ft. 0 in. "	...	...	...	3	0	0

THEY ARE KEPT IN STOCK WITH FIXED LOUVRES TO FIT ROOFS OF $\frac{1}{2}$ RD PITCH, OR 110°.

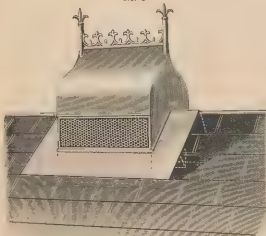
OTHER DESIGNS AND SIZES, WITH OR WITHOUT MOVABLE LOUVRES, &c., MADE TO ORDER.

ZINC RIDGE VENTILATORS.

ZINC RIDGE VENTILATORS.

THESE VENTILATORS ARE MADE TO FIT THE PITCH OF ROOF, WITH FLANGES TO LAP THE SLATES OR TILES.
WITH BAFFLE AND DEFLECTOR PLATES AND GUTTER, AND OUTLET FOR CONDENSATION.

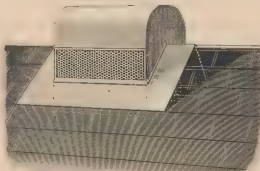
No. 4



"O.O." with Ornamental Top, 2 ft. long.

PRICE £3 0 0 each.

No 5.

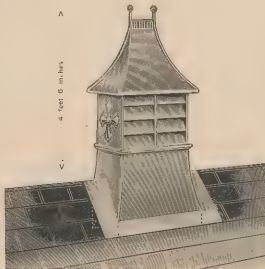


Semi-circular, 2 ft. long.

PRICE £2 5 0 each.

THEY ARE KEPT IN STOCK TO FIT ROOFS OF $\frac{1}{3}$ RD PITCH, OR 110°.

ZINC RIDGE VENTILATORS.

BRABY'S
TURRET RIDGE LOUVRE VENTILATOR.

No. 64.

Made of Strong Zinc to fit pitch of roof (which should be given), with flanges to lap the slates or tiles, and socket piece as shown by dotted lines on sketch.

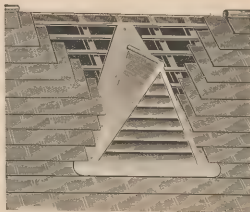
SIZE 4 ft. 6 in. high from Ridge to top of Ventilator; Louvres, 2 ft. 0 in. long; and Ventilator 1 ft. 4 in. from back to front.

PRICE £6 15 0 each.

VERY HANDSOME VENTILATOR.

BRABY'S
LOUVRE VENTILATOR FOR SIDE ROOF.

MADE OF STRONG ZINC.



No. 65.

Made of Strong Zinc to fit pitch of roofs (which should be given), with flanges for fixing, as shown.

SIZE 2 ft. 8 in. high
3 ft. 0 in. long; in front, not including flange.

PRICE £2 12 6 each

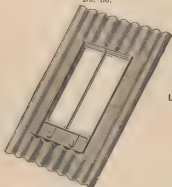
VERY USEFUL VENTILATOR.

"ECLIPSE" CORRUGATED SKYLIGHTS.

FOR USE WITH CORRUGATED IRON ROOFING.

"ECLIPSE" SKYLIGHT (Patent).

No. 66.

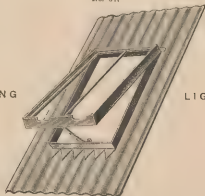


FIXED

LIGHT.

"ECLIPSE" SKYLIGHT (Patent).

No. 67.



SWING

LIGHT.

No.	Made of	Size of Opening for Glass.	Fixed Light as above.			
			24 W.G.		22 W.G.	
1	Galvanized Iron	... 5 ft. lengths	12	9	14	9
2	Do.	... 6 ft. "	14	0	16	0
3	Do.	... 7 ft. "	15	6	17	6
4	Do.	... 8 ft. "	16	6	18	6
5	Do.	... 9 ft. "	18	6	20	6

No.	Made of	Size of Opening for Glass.	If made with Frame to Swing Open as above.			
			24 W.G.		22 W.G.	
1	Galvanized Iron	... 5 ft. lengths	12	9	14	9
2	Do.	... 6 ft. "	14	0	16	0
3	Do.	... 7 ft. "	15	6	17	6
4	Do.	... 8 ft. "	16	6	18	6
5	Do.	... 9 ft. "	18	6	20	6

Made to suit the Flutes of Corrugated Iron Sheets.

No Cutting and Soldering required to obtain light.

Each Skylight is the same width as, and is fixed like, an ordinary Corrugated Iron Sheet of Eight 3 in Flutes.

Sole Makers—F. BRABY & CO.

ZINC ROOF-LIGHT VENTILATOR. (PATENT.)

IS NOW IN USE ALL OVER THE WORLD.

IT IS MADE SO AS TO OPEN AND SHUT EASILY.

No 68.



This simple arrangement has met the highest approbation of Architects, Builders and the public generally. Its object is to ventilate and purify through Slate, Tile* and other Roofs, Dwelling Houses, and other Buildings requiring Light and Ventilation. It is equally applicable to the Mansion or Cottage, Public Buildings, Workshops, Stores, Stables, Lofts, &c.

It is as easily fixed in a Roof as a common Slate, and may be introduced in old roofs.

It is perfectly water-tight in the most exposed locality without paint or putty, and superior and cheaper in every way to any other at present known. Being manufactured of strong Zinc, will last as long as the slate,

* When for Tile Roofing, the Base or Plate is curved to fit Bridgewater or other Tiles.

The stock sizes of these Ventilating Lights are as follows, but may be made to any other size ordered:—

The Dimensions given are sizes of openings for glass.

No.	Stock Sizes.		PRICE, Each			No.	Stock Sizes.		PRICE, Each		
	Inches.		£	s.	d.		Inches.		£	s.	d.
1	22	× 17	0	14	3	5	55	× 22	1	9	0
2	19	× 14	0	12	0	6	30	× 20	1	4	9
3	16	× 12½	0	9	0	8	24	× 18	0	19	6
4	13	× 11	0	7	6	9	21	× 14	0	13	6
5	11	× 9	0	6	0	10	18	× 10½	0	8	8

LARGER SIZES MADE TO ORDER.

PRICES ON APPLICATION.

UNGLASS, 26 OZ. GLASS.

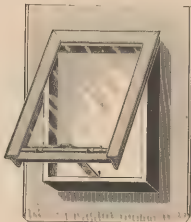
ZINC ROOF-LIGHT VENTILATOR.

BRABY'S "SPECIAL" ZINC ROOF-LIGHT VENTILATOR.

POSSESSING GREAT ADVANTAGES OVER ALL OTHERS.

IS PROTECTED ALL ROUND.

No. 69



PERFECTLY
ADAPTED

FOR SLATE
AND
ZINC ROOFS

OPENING FOR GLASS, 25 x 18 INCHES.

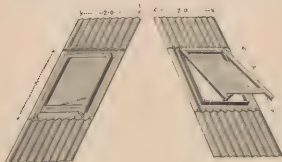
Is WATER TIGHT, and designed with deep eave to KEEP OUT SNOW. Is a very superior and successful Ventilator. It has condensation grooves all round, so greatly needed for Roof Lights.

PRICE 15/ each, unglazed

MADE IN STRONG ZINC. BRASS HINGES AND BRASS GLASS CLIPS.

"DEPTFORD" SKYLIGHT & VENTILATOR.

ZINC ROOF-LIGHT VENTILATOR.



CLOSED

OPEN.

This Skylight and Ventilator combined is specially manufactured to fix in Roofs of Corrugated Iron.

The portion marked A is of Zinc, and the other parts are of Galvanized Iron (24 Gauge).

PRICES.

SIZE OF OPENING FOR GLASS.

LENGTHS.

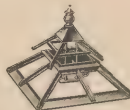
	22 in. x 18 in.		22 in. x 17 in.	
	in.	d.	in.	d.
2 feet	20	0 excl.	19	0 excl.
5 "	21	0 "	20	0 "
7 "	22	0 "	21	0 "
8 "	23	0 "	22	0 "
9 "	24	6 "	23	6 "
10 "	26	0 "	25	0 "

The width is same as ordinary Corrugated Sheets, viz.: eight 3 in. flutes, or 2 feet from centre to centre of outside flutes.

ROOF-LIGHT VENTILATOR.

STRONG ZINC.

No. 37.



With Brass Pulley, Balance Weight, and Six Yards of Cord.

SIZE A.—To suit CURB 2 ft. x 2 ft. OUTSIDE.

MADE HALF-PITCH.

SIZE B.—To suit CURB 2 ft. 6 in. x 1 ft. 6 in. OUTSIDE.

PRICE ... (either pattern) ... £2 5s. 0d. each.

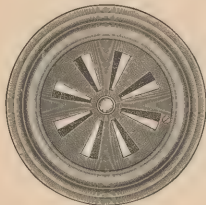
Crate for Packing Charged Cost Extra, Not Returnable.

ZINC VENTILATORS.

CEILING VENTILATOR.

MOULDED ZINC.

No. 33.



SIZE A.—Outside Diameter 22 in. ; Inside Diameter 16 in.
PRICE 18/- each.

SIZE B.—Outside Diameter 12 in. ; Inside Diameter 8½ in.
PRICE 12/- each.

FITTED WITH BRASS KNOB FOR TURNING.

With Perforated Zinc Centre Instead of Hit and Miss Ventilator, 1,6 each less.

Case for Packing Charged Cost Extra, Not Returnable.

HIT AND MISS VENTILATOR.

No 33a



SIZE :—Outside Flange 12 in. x 9 in. Diameter of Ventilator 7 in.

VERY SUITABLE FOR WINDOWS.

PRICE 4 0 each.
" 45 0 per doz.

The outside flange can be varied to order, if required to fit any particular window or space.

ZINC WINDOW CASEMENTS AND VENTILATORS.

Zinc Casement. No. 71.



Size

24 x 12 in.

Price ... 15/- each.

Hopper Ventilator. No. 72.



Size

21 x 15 x 8 in

WITH PULLEY, &c., to open and shut.
The centre frame is detachable for purposes
of glazing.

Price .. 28/- each.

Zinc Ventilator. No. 73.



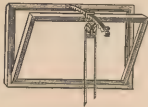
Size

24 x 12 in.

FITTED WITH EYES for Cord, top and bottom
for opening and shutting.

Price ... 14/- each.

No 74



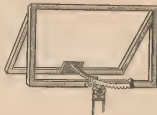
Price ... 28/- each.

Zinc Fanlight Ventilators.

PREPARED WITH PULLEY, STAY, &c., FOR
OPENING AND CLOSING.

Nos. 4 and 5 — Size ... 19 x 16 in.

No 75.



Price ... 28/- each.

ALL THESE VENTILATORS CAN BE MADE WITH IRON CORES WHERE GREAT STRENGTH IS REQUIRED.

BATHS.

SANITARY BATHS.

THE FOLLOWING pages (340 to 353) comprise prices and illustrations of our Sanitary Baths of various descriptions. They are all of the best finish and workmanship, and great care is taken by us in the production of these goods.

THE ENAMELLING is conducted under our superintendence by experienced workmen only and we can, consequently, fully guarantee the QUALITY OF THE WORK DONE.

ALSO SEE our special "Fitzroy" and "Chez-Lui" Enamels, Colours, Ready-Mixed Paints, Painters' Brushes, &c.—We are sure trial orders of these Colours, Paints, &c., will result in continued demands.

CAST IRON BATHS.

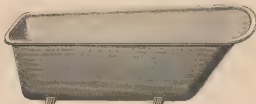
No. 1.—FLAT EDGE BATH.



Size.	Length.	Extreme Width.	Depth.	Japaned	2nd	1st
ft. in.	ft. in.	ft. in.	ft. in.	Sienna.	Finish.	Finish.
5 0	4 11	2 0½	1 0½	40/6	60/-	63
5 6	5 4½	2 2	1 8	42/6	66	77-
6 0	5 10	2 2	1 9½	56/6	79/6	90

See extra (page 342), if fitted with Globe Taps &c.

No. 2.—ROLL EDGE BATH.



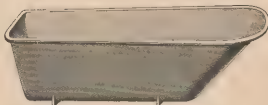
Size.	Length.	Extreme Width.	Depth.	Japaned	2nd	1st
ft. in.	ft. in.	ft. in.	ft. in.	Sienna.	Finish.	Finish.
5 0	4 11	2 0½	1 5	50	71	83
5 6	5 4½	2 2	1 7½	54/-	77/-	90/6
Fitted 5 6	5 4½	2 0½	1 7½	96/-	118/-	130/-

Fitted with ½ in. Hot, Cold and Waste Taps, and Porcelain Enamelled Soap Tray

All Baths not fitted have Outlet Holes, others if desired. Brass Plug, Washer and Bent Union (for Un-fitted Baths) are charged extra. Packed in Wood Crates and Matting, 10 - extra net; allowed in full when returned in good condition, carriage paid. In Crates for Shipment &c., 10 - extra net.

LONDON DELIVERY: Baths, unpacked, delivered to Customers' vans at Works, Euston Road, 3 - less Fitted Baths, 5 - less net.

No. 4.—FLAT EDGE BATH.

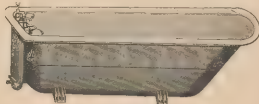


Size.	Length.	Extreme Width.	Depth.	Japaned	2nd	1st
ft. in.	ft. in.	ft. in.	ft. in.	Sienna.	Finish.	Finish.
5 6	5 5	2 0	1 5½	40/6	60/-	70/-
Fitted 5 6	5 4½	2 0½	1 5½	86/-	110/-	121/-

No. 4 Fitted Bath 5 ft 6 in. over all, fitted with ½ in. Hot, Cold and Waste Taps and with Porcelain Enamelled Soap Tray

No. 7.—COMBINATION BATH.

Fitted with ½ in. Hot, Cold and Waste Taps and Overflow Discharge, and with superior Mahogany Top Roll, High legs, and trapped above floor.



Size.	Length.	Extreme width.	Depth.	Japaned	2nd	1st
ft. in.	ft. in.	ft. in.	ft. in.	Sienna.	Finish.	Finish.
5 6	5 4½	2 2	1 8	142/-	170/-	182/6

This Bath is finished in the very best style, and can be enamelled inside in sienna, sea green, or pure white, outside enamelled as shown, oak grained or green marble. Can be fitted with two corner China Soap Trays instead of large Iron Tray, same price

CAST IRON BATHS.

No. 12.—ROLLED EDGE (LARGE ROLL.)
Green Marbled Outside.



Size.	Length. Inside.	Extreme Width Inside.	Depth. Inside.	Japanned Stem.	2nd Finish.	1st Finish.
ft. in.	ft. in.	ft. in.	ft. in.			
5 6	5 5	2 2½	1 8	65/6	92/6	105/6

See extra (page 342), if fitted with Globe Taps, &c.

No. 13. ROLLED EDGE (LARGE ROLL.)
Fitted with ¾ in. Hot and Cold Taps, Waste Plug and Enamelled Soap Tray.
Green marbled outside.



Size.	Length. Inside.	Extreme Width Inside.	Depth. Inside.	Japanned Stem.	2nd Finish.	1st Finish.
ft. in.	ft. in.	ft. in.	ft. in.			
5 6	5 4	2 2½	1 8	126/6	145/-	158/-

Fitted with loose feet, 9/6 extra.

In Wood Cases and Mats, 10 extra set, allows in bath when returned in good condition, cast-iron paid. In Cases (see Page 343), 15/- each set.

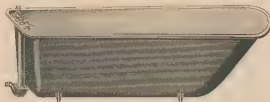
THE STANDARD WASTE TO ALL FITTED BATHS ACTS ALSO AS OVERFLOW.

LONDON DELIVERY

Baths, unpacked, delivered to Customers' vans at Works, Easton Road, 2/- less: Fitted Baths, 5/- less net.

No. 15.—COMBINATION BATH (FLAT EDGE)

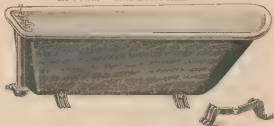
Fitted with ¾ in. Hot and Cold Taps, Waste Plug and China Soap Tray, and Trapped above Floor.



Size.	Length. Inside.	Extreme Width Inside.	Depth. Inside.	Japanned Stem.	2nd Finish.	1st Finish.
ft. in.	ft. in.	ft. in.	ft. in.			
5 6	5 8½	2 2	1 8	88/-	114/-	128/-

No. 16.—COMBINATION BATH (LARGE ROLL.)

Fitted with ¾ in. Hot and Cold Taps, Waste Plug, and China Soap Tray, and Trapped above Floor. Green Marbled outside.



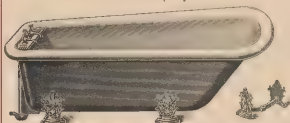
Size.	Length. Inside.	Extreme Width Inside.	Depth. Inside.	Japanned Stem.	2nd Finish.	1st Finish.
ft. in.	ft. in.	ft. in.	ft. in.			
5 6	5 8½	2 2	1 8	108/-	136/-	148/6

Fitted with loose feet, 9/6 extra.

CAST IRON BATHS.

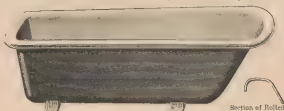
No. 21.—SEMI-ROMAN COMBINATION BATH. ROLLED EDGE.

Roll $4\frac{1}{2}$ in. broad.
Fitted with $\frac{3}{4}$ in. Hot, Cold and Waste Taps, and with Porcelain
Enamelled Soap Tray.



Size.	Length Inside.	Extreme Width Inside.	Depth Inside.	Japanese Sinks.	2nd Finish.	1st Finish.
ft. in.	ft. in.	ft. in.	ft. in.	ft. in.		
5 6	5 4	2 3	1 8 $\frac{1}{2}$	141	167	178 6
6 0	5 10	2 3	1 8 $\frac{1}{2}$	159	187	198

If with feet cast on similar to No. 20, 7 6 less.

No. 20.—SEMI-ROMAN BATH. ROLLED EDGE. Roll $4\frac{1}{2}$ in. broad.

Size.	Length Inside.	Extreme Width Inside.	Depth Inside.	Japanese Sinks.	2nd Finish.	1st Finish.
ft. in.	ft. in.	ft. in.	ft. in.			
5 6	5 4	2 3	1 8 $\frac{1}{2}$	77	100	111 6
6 0	5 10	2 3	1 8 $\frac{1}{2}$	91	112	125 6

If Green Marbled outside, 7 6 extra. If fitted with loose feet as No. 21, 10 6 extra.

No. 30.—HOSPITAL BATH.

We can also supply our No. 2 Bath, Roll Edge, with three Wheels fitted with India Rubber Tyres. The Front Wheel, with handle working on swivel to enable the Bath to turn easily, being very convenient for Hospital Wards.

PRICES ON APPLICATION.

EXTRAS.

Nickel-plated Taps	5 -
If Green Marbled Outside	7 6
If Grained Oak or Stencilled	7 6

(OR CAN BE STENCILLED IN COLOURS, PRICE ACCORDING TO DESIGN)

Nos. 1 and 12 Baths, if fitted with two corner Soap Trays, Globe Taps, Plug and Bent Union	20
Loose Feet	9 6
Do as No. 21	10 6
Brass Plug, Washer, and Bent Union	4 6

FOR STANDARD WASTES, BATH AND LAVATORY FITTINGS.

See Plumbers' Brass Section, pages 265 to 282.

COUNTRY DELIVERY.

All Cast-Iron Baths are consigned at Carriers' Risk, and are packed in Wood Crates and Matting, charged 10/- extra net; but allowed in full when returned in good condition, carriage paid. In Crates for Foreign Shipment, 15/- each net.

LONDON DELIVERY.

Cast Iron Baths, unpacked, delivered to customers' vans at Works
Easton Road 3/- less. Fitted Baths, 5/- less net.

THE STANDARD WASTE TO FITTED BATHS ACTS ALSO AS OVERFLOW.

ZINC AND COATED IRON BATHS.

Taper Bath.—Beaded or Flanged.

Japanned White inside, Grained Oak outside, Overflow at end and Waste Plug and Union in centre of bottom, as shown.



Not Japanned, 7 6 less net, or Japanned White inside only 2 6 less net. These Baths can be had equal ended, if desired, at 1b- each extra.

Length at top.		Extra Strong Zinc.			Strong Zinc.			Tinned Iron.			Turne Iron.		
ft.	in.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
5	6	4	10	0	3	18	6	4	4	0	3	18	6
5	3	4	6	6	3	16	0	4	2	0	3	16	0
5	0	4	2	11	3	15	0	4	0	0	3	15	0

Or with Wet and 1 1/2 in. or 2 in. Copper Pipe for connection to any Plug, or with Side Pipes as required, 3- extra.

63 The Tinned Iron Baths can be had with bottom of Hardened Copper at an extra cost of 20- each.

Hospital Bath.

TINNED

ON WHEELS WITH VULCANIZED
INDIA-RUBBER TYRES



IRON

AND BRASS TAP
FOR EMPTYING.

5-ft. 6-in. long.	Japanned White Inside, Oak Outside	...	...	...	...	£6 17 6
5-ft. 3-in. "	Do. do.	...	...	...	...	£C 15 0

With movable front Carriage and long handle, 25- extra net.

Crates for packing charged at cost, and allowed in full if returned in good condition, carriage paid. Baths delivered Works. London, unpacked 2 6 each net less.

BATH WITH HEATER AND COPPER SANITARY WASTE.



Combination Bath.

Japanese White Marble inside

Grained Oak outside.

STRONG TINNED IRON.

BEST MAKE AND QUALITY.

Braby's Copper Sanitary
Trapped Overflow
and Waste.

(SECTION.) No. 53.

Can be supplied to any of our Baths
at an Extra of £1 5 0

Length of Bath inside, 5 ft.; Extreme width, 2 ft. 1 in.; Extreme height inside, 1 ft. 10 in.; Total height, 2 ft. 3 in.

No. 1.	COMBINATION BATH with our No. 2 Copper "Trapped" Water Heater (see page 345) and Copper Sanitary Waste as shown ...	£10 7 0
No. 2.—	The above Bath without Heater and Stand; but including Copper Sanitary Waste ...	5 2 6
No. 3.—	Do. do. with cheaper Heater if desired (see page 346) at proportionate price.	

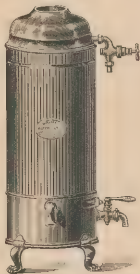
In ordering please say if Fittings for Geyser are to be on right hand or left hand. The one shown above is left hand.

Charges for packing these Baths charged at cost, and allowed a full 10% if returned in good condition, carriage paid.

Bath and Heater delivered Works, London, unpacked, at 3/- net less.

BRABY'S "RAPID" WATER HEATER.

SIMPLEST, SAFEST, QUICKEST, AND MOST DURABLE OF ITS KIND.



We have TESTED many Heaters, both ENGLISH and FOREIGN, and believe the best results are given by our "Rapid." It affords a continuous supply of Hot Water, up to any Degree of Heat to Boiling, a few seconds after lighting the Gas.

Patent Locking Gear, which prevents the Gas being lighted before turning on the water, or the Water being turned off, whilst the Gas is burning, 15/- extra.

PRICES:

	£	s.	d.
No. 1. Galvanised Iron	3	3	2
No. 1. Copper	4	6	3
No. 2. Galvanised Iron	3	11	6
No. 2. Copper	4	17	6

No. 1. Gives a continuous stream of Hot Water a few seconds after lighting the Gas, at about the rate of $1\frac{1}{2}$ gallons per minute.

No. 2. Gives a continuous stream of Hot Water at about the rate of 2 gallons per minute; thus very quickly obtaining a Hot Bath.

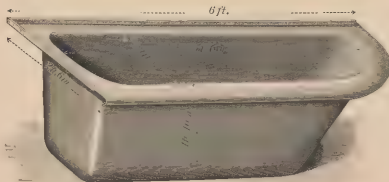
INSTRUCTIONS FOR USING AND FIXING SENT WITH EACH HEATER.

IN ORDERING, PLEASE SAY IF FITTINGS ARE TO BE ON LEFT HAND OR ON RIGHT HAND AS SHOWN ABOVE.

We recommend the No. 2 Copper Heater.

Crates for packing charged at cost, and allowed in full if returned in good condition, carriage paid.

POLISHED PLATE ZINC BATHS.



Will last for Fifty Years.

These Baths are made of the best Plate Zinc, 4th mel. and 14 W.G. thick. The demand is rapidly increasing, and they have given universal satisfaction on account of their durability and beautiful appearance. They do not rust like Iron, or chip like Enamel or Tile Baths. The nature of the metal employed is specially suitable for Bath purposes, as the water will not corrode so rapidly as in other Baths. Outlet with Plug, Washer and Ball Union in bottom, and Overflow at top. Made of 14 B.W.G. they are most excellent Baths and almost as durable as the $\frac{1}{2}$ in. plate.

These Baths are, practically, the cheapest and best, because the most durable Baths that can be produced.

Both Ends Sloped.

No.	Length Inside	Width Inside	Depth	PRICE, 4th mel. 14 B.W.G.	PRICE, 14 B.W.G.
	ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.
1	5 6	1 11	1 8	8 17 6	6 3 0
2	5 9	1 11	1 8	9 7 6	6 12 0
3	6 0	1 11	1 8	9 17 6	7 0 0

Sloped at End as shown.

No.	Length Inside at Top	Width Inside	Depth	PRICE, 4th mel. 14 B.W.G.	PRICE, 14 B.W.G.
	ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.
4	5 6	1 11	1 10	9 0 0	6 5 0
5	5 9	1 11	1 10	9 10 0	6 15 0
6	6 0	1 11	1 10	10 0 0	7 2 6

Can be supplied without Rolled Edge but with ordinary Flange, at 15/- each less. Please say if Head is required at Right Hand (as shown), or Left Hand.

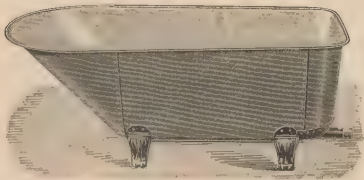
ENAMELLED THESE BATHS ARE VERY HANDSOME.

If Enamelled White inside, 15/- extra. If Enamelled White and Polished, 27/6 extra. If Sienna and Polished, 37/6 extra.

Crates charged at cost, and allowed in full if returned in good condition, carriage paid. Baths delivered Works, London, unpacked, 5/- each net less.

FOR BATH VALVES AND BATH FITTINGS, SEE NEW OLD PRICES' SECTIONS, PAGES 365 TO 382.

THE "EMPRESS" COATED STEEL BATH.



With Copper Well at foot, and 2 in. Copper Pipe for connection to Standard Waste or any Fittings.

ENAMELLED AND POLISHED 1st Quality—Sienna Marble Inside and Black Outside £6 10 0

Attention is specially requested to this Bath. It has been designed to remove some of the objectionable features of a cast-iron Bath, viz.:—liability to fracture, &c. When a warm bath is required, it is more easily and quickly heated to the same temperature as the water, on account of the smaller body of metal it possesses and, for the same reason, the transport costs less than that of a cast-iron bath. It is made of strong 18 W.G. WROUGHT COATED STEEL, WITH COPPER OR BEAD AT THE EDGE, AND ITS ENAMELLING is of very best quality (for which the surface of wrought steel affords a much better ground than cast-iron), and it will be seen at once to possess the qualities of lightness and elegance, combined with strength and substantiality.

Size 5-ft. 6-in. long by 2-ft. wide by 1-ft. 9-in. deep inside.

This Bath, if required for Wood Case, can be supplied with holes in flange for screwing to Mahogany Bead.

BRASSY'S COPPER SANITARY TRAPPED OVERFLOW AND WASTE CAN BE SUPPLIED TO ALL BATHS, SEE PAGES 344 AND 349.

Packing and Crates are charged at cost, and allowed in full if returned in good condition, cartage paid. Baths delivered Works, London, 8 - net less.

FOR BATH VALVES AND BATH FITTINGS SEE OUR PLUMBERS' BRASS SECTION, PAGES 355 TO 382.

COPPER BATHS.

MADE OF STRONG
HARDENED TINNED
COPPER WITH



FLANGED TOP
FOR FIXING
IN WOOD CASING.

JAPANNE WHITE MARBLED INSIDE and POLISHED and PLAIN COLOUR OUTSIDE.

SIZES—Length	...	...	...	...	5 ft. 6 in. inside.
Width	...	...	...	...	2 ft. 1 in. at head; 1 ft. 8 in. at foot; inside flange.
Depth	...	...	...	...	1 ft. 9 in. inside; 2 ft. 3 in. high from floor.

PRICES.

No. 1.—With 3 Pipes for Hot, Cold, and Waste Connections and Overflow, as shown	...	£	s.	d.
No. 2.—With Copper Well in centre of Bottom, and 2 in. Copper Pipe for connection with any Fittings	...	10	5	0
No. 3.—Fitted with our Copper Sanitary Trapped Waste and Overflow, as shown on page 344.	...	9	10	0
No. 4.—Without Pipes, with 2 in. Brass Plug and Washer, and Bent Union in bottom	...	10	15	0
No. 5.—The same as No. 2, but with bold Copper Bead at top instead of flat flange and Japanned Coloured Marbled Outside, on ornamental feet	...	10	5	0
	...	11	15	0

HARDENED SHEET COPPER IS THE VERY BEST MATERIAL FOR BATHS.

EXTRA, if Japan is Hand Polished ... 15/0; If Japanned Sienna Marble instead of White ... 18/6

THESE BATHS CAN BE MADE OF TINNED STEEL AND BOTTOM OF HARDENED COPPER IF REQUIRED.

Packing and Crates allowed in full if returned in good condition, carriage paid. Baths delivered Works, London, unpacked. 7/- each net less.

FOR BUBBY'S SPECIAL BATH VALVES AND BATH FITTINGS SEE OUR PLUMBING BRASS SECTION, PAGES 361 TO 382.

TINNED IRON OR COPPER BATHS.

ROMAN BATH.

ENAMELLED SIENNA MARK INSIDE AND MAUDSLAY ROLL SERPENTINE MARK OUTSIDE

With Gold Bronze Dolphin Feet and Fretwork, and Polished.



BRADY'S TRAPPED COPPER
STRONG QUICK WASTE
WITH STANDING OVERFLOW AND
UNIONS TO CONNECT.



STRONG TINNED IRON.

Including BRADY'S Copper Trapped Standard Waste and Overflow £18 17 6
(Valves extra)

This Bath can be supplied less expensively finished and enamelled, if desired,
or in Copper. Prices on application.

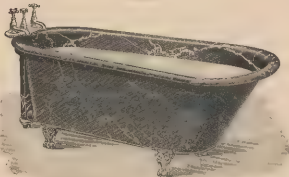
FOR BRADY'S SPECIAL BATH VALVES, SEE OUR PLUMBERS' BRASS SECTION, PAGES 365 TO 382.

Packages and Cases allowed in full if returned in good condition, cartage 10 d. This Bath delivered unpacked, at Works, London, 5 - net less.

TINNED IRON BATHS.

Semi-Roman Plunge Bath.

JAPANNED
WHITE INSIDE,
BLACK AND GOLD
MARBLED OUTSIDE.



AND OVER ROLL
AND
5 IN. DOWN INSIDE,
AND POLISHED.

LENGTH: 5 ft. 6 in. inside.

No. 1.—MADE OF STRONG TINNED IRON, with Copper Well in centre, 2 in. Copper Pipe and our Copper Standing Trapped Waste, as shown on page 349. £ 10 15 0

For Bath Valves see Plumbers' Brass Work Section pages 365 to 382.

No. 2.—THE SAME BATH (without Standard Waste), with Copper Well in centre and 2 in. Copper Pipe for connection to any Fittings. 8 15 0

(The above BATHS if Japanned inside, outside, and Polished and Green, Marbled outside, £1 5 0 net less.)

No. 3.—Do. do. with Copper Well in centre and 2 in. Copper Pipe for connection to any Fittings. Japanned white inside and polished and plain colour outside. 7 10 0

PRICES IN COPPER on application.

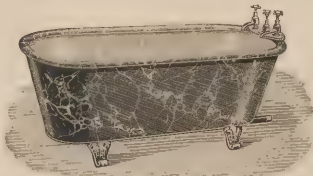
OUR COPPER SANITARY TRAPPED OVERFLOW AND WASTE CAN BE SUPPLIED TO ALL BATHS, SEE PAGES 344 AND 345.

Packing and Crates charged at cost, and allowed in full if returned in good condition, carriage paid. Baths delivered Works, London unpacked, 3 each net less.

TINNED IRON BATHS.

Double Beaded Plunge Bath.

EQUAL ENDED.



JAPANNED
SIENNA MARBLED
INSIDE
AND

GREEN MARBLED
OUTSIDE
AND
POLISHED.

LENGTH: 5 ft. 6 in. inside.

No. 1.	—	MADE OF STRONG TINNED IRON, with Copper Well in centre and 2 in. Copper Pipe for connection to any Fittings and Japanned as described above	£7 10 0
No. 2.	Do.	do.	with Copper Well in centre and 2 in. Copper Pipe for connection to any Fittings and Japanned white inside and plain colour outside
...			6 15 0

(Prices are not inclusive of Taps.)

PRICES IN COPPER on application.

FOR PRICES OF STANDARD WASTES, BATH TAPS, &c., see Plumbers' Brass Work Section, pages 365 to 382.

OUR COPPER SANITARY TRAPPED OVERFLOW AND WASTE CAN BE SUPPLIED TO ALL BATHS, SEE PAGES 344 AND 349.

Packing and Crates are charged at cost, and allowed in full if returned in good condition, cartage paid. Baths delivered Works, London, unpacked, 3 - each net.ess.

TINNED IRON AND ZINC BATHS—Japanned Oak and White Marble.

Oval Sitz Baths.



	Outside measure	Tinned Iron	Thick Zinc
No. 1. 30-in.	each 18/6	22-in. x 21-in.	19/-
" 2. 33-in.	" 22/6	24-in. x 24-in.	21/-
" 3. 37-in.	" 26/-	26-in. x 26-in.	25/-
" 4. 40-in.	" 32/-	28-in. x 27-in.	29/-

Sponge Baths with Lip.
Beaten

	Outside measure	Tinned Iron	Thick Zinc
No. 0. 27-in. diam.	each 20/-	27-in. diam.	15/6
" 1. 32-in.	" 21/6	31-in.	17/-
" 2. 31-in.	" 25/-	32-in.	19/6
" 3. 36-in.	" 26/-	35-in.	23/6
" 4. 40-in.	" 29/6	37-in.	28/-
" 5. 48-in.	" 41/-	39-in.	33/-

With hollow bead inside Tinned Iron Baths to prevent water splashing over, 1/6 extra

Athenian Hip Baths.



	Outside measure	Tinned Iron	Thick Zinc
No. 1. 30-in.	each 24/6	28-in. x 21-in.	25/-
" 2. 33-in.	" 27/6	30-in. x 23-in.	26/6
" 3. 36-in.	" 30/-	32-in. x 24-in.	30/-
" 4. 37-in.	" 37/6	37-in. x 26-in.	38/6

Long or Child's Baths.

The same width at both ends.



Length	Inches	24	30	36	41	48
PRICES, in Tinned Iron, Wire Edge		14/6	16/6	20/-	27/-	31/6 each
" in Thick Zinc		15/6	16/6	20/-	25/-	29/- "

Adult Bath, } 4ft. 6in. long x 22. at head x 17in. deep, Beaded
Tapered from }
Head to Toe } 5ft. " x 2ft. 2in. " x 19in. " " 80/- 43/6 each

Oxford Hip Baths.



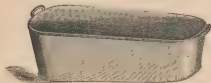
	Tinned Iron	In Thick Zinc
No. 1. 34-in. outside measure, each 26/-		35-in. x 23-in., each 26/-
" 2. 38-in. " " 28/6		37-in. x 24-in. " 27/6
" 3. 40-in. " " 33/6		39-in. x 26-in. " 31/6
" 4. 44-in. " " 42/6		41-in. x 27-in. " 35/-

Matting and Packages charged at Cos., and allowed in full if returned in good condition, carriage paid.

BATH, WASHSTAND, COPPER TOILET CAN.

Galvanized Iron Bath.

DEPTFORD PATTERN.



Lengths ...	30	33	36	39	42	45	48 inches.
Width (at head) ...	13½	16½	17½	20	21	21½	22½ "
Depth (at head) ...	11½	12	13	13½	14	14½	15½ "
Galvanized ...	7/3	9/-	10/9	14/-	15/9	17/9	17/9 each.
Do. & Japanned ...	10/3	12/6	14/3	16/3	18/6	22/3	23/2 "

The above sizes are made to nest.

Solid Copper Toilet Can.



TINNED INSIDE.

Portable Iron



Washstand.

PRICES.

(Inclusive of Basin, Soap Dish, Jug, and Towel Holder).

No. 1.—Galvanized (Non-Rustable) Stand, Basin, Soap Dish, and Jug	10/9
" 2.—Japanned Stand, Soap Dish, Galvanized Basin and Jug	9/9
" 3.—Galvanized and Japanned Stand, Soap Dish and Jug, Galvanized Basin	11/9

PRICES.

2 Quarts	...	9- each.
3 "	...	11/- "
4 "	...	12/6 "
6 "	...	14/- "
8 "	...	16/- "
10 "	...	17/6 "
12 "	...	20/- "

Packages allowed for if returned in good condition.

For other TOILET CANS see page 204.

JAPANNING.

Prices include Carriage to and from any part of London, or packed for the Country.*

Baths, Oak outside and White Marble inside.

	£	s.	d.
Hip Baths, all sizes	6	6	
Sponge Baths " " " " " "	0	0	
Travelling Baths " " " " " "	6	9	
Foot Baths " " " " " "	2	6	
Pillar Shower Baths " " " " " "	19	0	
Long Baths, under 4 ft.	6	6	
Long Baths, 4 ft. to 5 ft. 6 in. " " " " " "	10	0	

The above Prices are for New Work. Cost extra is charged for cleaning off Old Work.

Toilet Work, Oak, Hoops, or Lines.

	£	s.	d.
Toilet Cans, under 6 quarts, oak	1	3	
" " any colour with hoops or lines	1	6	
" " 6 quarts and over, oak	2	0	
" " any colour with hoops or lines	2	3	
Toilet Pails, oak	2	3	
" " any colour with hoops or lines	2	6	
Slop Pails, oak	2	0	
Hot Water Jugs, oak	1	3	
" " any colour with hoops or lines	1	6	

Cost price charged extra for cleaning off Old Toilet Work.

Plunge Baths.

	£	s.	d.
White, or white marble inside only	0	10	0
White inside and plain colour outside " " " " " "	0	11	9
White marble inside and oak outside	0	13	
White marble inside and polished... ..	1	2	9
White marble inside and green marble outside " " " " " "	0	13	0
Sienna marble inside only	0	19	0
Sienna marble inside and green marble outside " " " " " "	1	7	3

Cost price charged for cleaning off old Plunge Baths.

Cast Iron Baths.

	£	s.	d.
White marble inside	1	2	9
White marble inside and polished	1	11	9
Sienna marble inside	1	6	3
Sienna marble inside and polished	1	18	3
White or plain colour inside and ornamental marble outside	1	16	3

The above prices are for New Baths. Cost price charged extra for cleaning off the old japan.

* If new Cases are required, they are charged cost price extra, and are NOT RETURNABLE under any conditions.

SEE BRADY'S "FITZROY" ENAMELS, etc., FOR ENAMELLING OWN BATHS.—Page 355.

HARD DRYING ENAMELS WITH SMOOTH, GLOSSY AND DURABLE SURFACE.



ANY COLOUR MATCHED ON A DAY'S NOTICE.

Nos. 51 TO 58 INCLUSIVE ARE METALLIC ENAMELS FOR ORNAMENTATION, &c.



From the collections of Sydney Living Museums / Historic Houses Trust of NSW

"FITZROY" HARD-DRYING ENAMEL.

ENAMEL YOUR OWN BATHS.

For BATHS, CYCLES, STOVES, FURNITURE,



METAL, WOOD, STONE, WICKERWORK, &c.

WITHOUT STOVING.

No.	Size of Self-opening Cans.	DESCRIPTION.	PRICE.
1a	(1½-in. × 2½-in.)	For Enamelling Small Articles, or Repairs	6/4½ per dozen.
1	(1½-in. × 3-in.)	Sufficient to Enamel Cycle, Foot Bath, Stoves, &c., 2 coats	9/4½ "
2	(2½-in. × 3½-in.)	Do. do. Cycles, Toilet Services, Long Bath, Stairs, &c.	13/6 "
3	(3-in. × 3½-in.)	Do. do. inside, two coats, full size Plunge Bath. Imperial Half-Pint Can	24/- "
4	(4-in. × 3½-in.)	Do. do. inside full size Plunge Bath, four coats, or a surface of about 150 ft. super. Imperial Pint Can	45/- "
In Bulk			31/- per gallon.

FREDK BRABY & CO. having extensive experience as JAPANNERS and painters, have succeeded in producing an Enamel which they GUARANTEE to be an excellent quality, while they can offer it (TO THE TRADE ONLY) at much reduced prices. The "FITZROY" Enamel dries quite hard in a few hours, with smooth, glossy and durable surface. It will not only resist the action of boiling water, but oils, turps, acids, climatic changes, &c. It will not crack, blister or peel off, and is suitable for every description of work such as Decoration of Walls, Cornices, Doors, Perambulators, Ornaments, Garden Chairs, Carriages, Flower Boxes, &c.

Made in every known Colour, and any shade can be matched in a few hours without extra charge.

Brushes for Bath Work. 1 9, 2 6 and 3 6 each extra.

FOR COLOUR CARD SEE PAGE 354a.

"CHEZ-LUI" HARD DRYING ENAMELS (Registered).

ENAMEL YOUR OWN BATHS!

"CHEZ-LUI" supplies a demand which has long existed, viz. that of coating or re-coating a bath without removal, with an Enamel that is not sticky, but that dries quite hard without stoving and will resist hot water.

The "CHEZ-LUI" Enamel will be found suitable for many other purposes besides Baths, as it requires no heat or stoving, but dries quite hard in one day with a smooth, glossy, and durable surface, and will not crack or peel off, and will resist the action of hot water, oils, turpentine, acids, &c. It may be used to colour or decorate material with soft surfaces, such as cotton or paper or card, which would be shrivelled; and brittle goods, such as glass, china, &c., which would be cracked by exposure to heat. In the same way it may be advantageously used upon articles made of any kind of wood which would warp. It will thus be seen that the variety of uses for this Enamel is very great, amongst which the following may be enumerated:

FURNITURE of every description of wood and in whatever condition.

INTERNAL DECORATIONS, Walls, Cornices, Doors, Finger Plates, &c., whether the material is of wood, paper, or leather.

CARRIAGES, Bicycles, Perambulators.

ORNAMENTS, Vases, Pots, etc., of stone, glass, leather or wood.

MANTELPICES, Banisters, Stairs, of slate, marble, or metal.

HARDWARE of every kind, Baths, Toilet Ware, Tea Trays, Locks, Handles, Sewing Machines, Iron Bedsteads, &c.

WICKER WORK, Baskets, Bassinets, Chairs.

LEATHER GOODS, Bags, Portmanteaus, Trunks.

The "CHEZ-LUI" is made in all colours, white, cream, flesh colour, sea green, &c., for Baths; red, brown, blue, yellow, black, green, &c., for furniture or hardware, and special tints to match can be supplied to order. It is also made transparent to show through the original colour of polished surfaces of Steel, Silver, Copper, Brass, or Gold, and will be found invaluable for preventing rust, and abolishing the necessity of constantly polishing. It is on this account much recommended for enamelling the bright and plated parts of Machines, Tricycles, Bedsteads, &c.

	PRICES.	1st Quality.		2nd Quality.	
		s.	d.	s.	d.
No. 12.—A favourite size for small articles or repairs (1st Quality only, and for not less than 1 doz. only),		—	—	7	0 per doz.
No. 1.—Small Sample Can (self-opening) for enamelling small articles or repairs	1	9	1	0 each.
No. 2.—Larger Sample, in self-opening Can, sufficient to enamel a Bicycle or Tricycle two coats	2	8	1	6 ..
No. 3.—Half-pint, in self-opening Can, will give two coats to full-sized Plunge Bath	5	0	2	6 ..
No. 4.—1 pint, in self-opening Can, will give four coats to full-sized Plunge Bath	8	6	4	3 ..

In Bulk.—1st Quality, 72 per gallon. 2nd Quality 34 per gallon.

Brushes for Baths and large work, 1/9, 2/6 and 3/6 each extra.

N.B.—The 2nd Quality "Chez Lui" Enamel is found better for all purposes than any of the imitations now being sold, and will resist hot water, &c., the same as the 1st Quality. The latter, however, is more durable, and as the cost of applying either Quality is necessarily the same, the 1st Quality for best work is recommended.

FOR COLOUR CARD SEE PAGE 354a.

ENAMELS.

"Chez Lui" Metallic Enamels.

These ENAMELS are numbered 51 to 58 on our
ENAMEL CARD (see page 354*) and are made in eight
Colours, viz.,

PALE GOLD.	SILVER.
DARK GOLD.	BLUE.
CITRON.	GREEN.
CRIMSON.	COPPER.

They are put up in Patent Drip-preventing bottles of
two sizes—

No. 1, ...	... per doz.	7/-
" 2, ...	... "	18/6
In bulk ...	... per gall.	72.



"Chez Lui" Enamel Stains.

THESE ENAMEL STAINS
are made in seven shades,
viz., Light Oak, Dark Oak,
Walnut, Satinwood, Ebony
and Mahogany:—

Per doz		
No. 1.—In Glass Bottles...	7 3	
" 2.—" "	14/	
" 3.—In Pint Cans ...	20 6	

In bulk, 11/9 per gallon.



Combination Enamel Box.



Contains six small cans of Enamel, two Brushes, and two Palettes.
PRICES, complete.

No. 1, ...	... each	1 9
" 2, ...	... "	2/4

Brushes, best quality, 3d., 8d., 1/- 1/3 and 2 6 each.

Stoving Enamels.

FOR CYCLE MANUFACTURERS, ENGINEERS, &c.

Black, 1st Coating ...	... per gallon	7/7
" 2nd " ...	... "	11/3
" Finishing ...	... "	14/-
" Best Finishing ...	... "	18/-
Should be stoved at 200° Falt. 5 or 6 hours.		
All other Colours ...	... per gallon	28/6
Should be stoved at 120° to 150° Falt. 5 or 6 hours.		

Quick Drying Black Enamel.

For Repairs ...	... per gallon	14/-
Black, No. 1, ... (In Patent Drip-preventing Bottles.)	... per doz.	7 3
" 2, ... (")	... "	14
" In Pint Cans ...	... "	27 6

Dries in a few minutes free from objectionable smell.

FOR COLOUR CARD SEE PAGE 354s.

ENAMELS AND PAINTS.

BRABYS DECORATIVE ENAMEL.



"EUSTON"

BRAND.

THIS ENAMEL IS NON-POISONOUS and, therefore, is specially adapted for SANITARY and DECORATIVE WORK. It gives off no POISONOUS SMELL, and it neither affects, nor is affected by, other pigments.

It is of a good colour, and is dry in the hard in twenty-four hours, and so on. Two or three coatings will give a beautiful CHINA-GLOSS finish. It is not only suitable for painting and, as such, can be readily applied with a brush, but it can be used to a great extent in the house. Also, if required, the Enamel can be made to dry in from three to four hours; but if so required, this must be specially stated when ordering.

THE PRICE IS 23 6 PER GALLON (CASK INCLUDED).

PURE IRON MINIMUM OXIDE.—Auderghem's Patent.

GOLD MEDAL and four other awards at the Paris Exhibition. THIRTY THREE MEDALS and HONOURABLE MENTIONS at other Exhibitions.

FOR PAINTING WOOD, IRON, CEMENT, STONE, AND ALL METALLIC WORK. IS EXCELLENT FOR ATMOSPHERIC IRONWORK.

PRICE 15/- per cwt.

In $\frac{1}{2}$ and 1 cwt. bags.

Ground in Oil 21/- per cwt.

Packages included. Not Returnable.

It is suitable for Waggon, Bridges, Locomotives, and Agricultural Implements generally, Iron Railings, Tarpaulins, &c. &c. With Litharge it forms an excellent Cement. Its Colour is Dark Red Brown, but it mixes readily with other colours. It will cover a much larger surface, weight for weight, than any other paint. Also be aware that one coat on, use this Paint, as iron on iron is better than lead on iron. Oa. Customers who use this Paint speak highly of it:—

THAT IT WILL DRY ON TAR,

BEST FOR STEAM PIPES, giving off no smell when pipes are hot.

DRIES AS HARD AS IRON,

VERY DURABLE PAINT, &c. &c.

The Iron Minimum is employed the same as all other Paints, with boiled or unboiled Linseed Oil. If the Oil is not boiled, dryers must be added, but not Turpentine, or it will cause the enamel to run. For Iron Vessels, or any having exposed to action of salt-water, it is necessary to use boiled Bar Oil.

PURE ZINC OXIDES.—"Vieille Montagne" Brand.

QUOTATIONS ON APPLICATION.

VARNISHES.

BRABY'S VARNISHES.



GUARANTEED

QUALITY.

Pale Oak Varnish	(in and out) ...	8/3 per Gallon.
Pale Copal Oak Varnish	do. ...	11/8 "
Fine Maple	do. ...	20/3 "
White Copal Enamel	... ..	28- "
Japan Gold Size	... ..	10/3, 14/- "
Black Japan	... ..	12, 15/6 "
Berlin Black	... ..	17- "
Brunswick Black	... ..	2/6 "
Common Black for iron work	... ..	5/3 "
Terebinte	... ..	9/6 "
Pale Liquid Dryers	... ..	9/6 "
White Hard Spirit Varnish	... ..	7/3 "

Patent Ground Dryers.

In 7, 14 and 28 lb. tins	... ..	22/6 per Cwt.
(TINS FREE.)		

BRABY'S VARNISHES, &c.

IN SMALL BOTTLES AND CANS.

PALE OAK.

No. 1.	Glass Facellin Bottles	6/8 per Dozen.
" 2.	" " " " " "	10/3 "
" 3.	$\frac{1}{2}$ pint Self-opening Cans	14/- "
" 4.	1 " " " " " "	24/- "

Berlin Black.

No. 5.	Patent Anti-Drip Bottles	6/- per Dozen.
" 6.	" " " " " "	7/6 "
" 7.	$\frac{1}{2}$ pint Self-opening Cans	15/9 "
" 8.	1 " " " " " "	27/6 "

Brunswick Black.

No. 9.	Patent Anti-Drip Bottles	3/9 per Dozen.
" 10.	" " " " " "	5/3 "
" 11.	$\frac{1}{2}$ pint Self-opening Cans	10/6 "
" 12.	1 " " " " " "	18/6 "

Black Japan.

No. 13.	Patent Anti Drip Bottles	6/- per Dozen
" 14.	" " " " " "	7/6 "
" 15.	$\frac{1}{2}$ pint Self-opening Cans	15/9 "
" 16.	1 " " " " " "	27/6 "

COLOURS, &c.

DRY COLOURS.

OCHRES.

	Per Cwt.
Spruce	6/9 Net.
Oxford	31/- "
Golden	38/- "
French Yellow	5/6 "

UMBERS.

Raw Turkey	16 "
Burnt Turkey	24/- "
English	7/6 "

BLACKS.

Lamp	18 6 "
Vegetable	3/8 "
Ground Ivory	7/8 "
Drop Ivory	3/6 "

BLUES.

Brunswick	38/- "
Celestial	2/8 - "
Ultramarine, Pale ..	1/8 - "
Per Cwt.	2/- "
Prussian, GENUINE	2/- "

GREENS.

	Per Cwt.
Chrome	60/- Net.
Brunswick	30/- "
Bronze	30/- "
Emerald, (GENUINE 108, -) 86; & 62/-	"
Emerald Tint	45/- "

PINKS.

Rose	38 - "
Dutch	38 - "

REDS.

Turkey	38 - "
Chinese	72 - "
Indian	88/- "
Venetian	8 - "
Vermilion, GENUINE, 30 lb. bags	Per lb. 2 10 "
Do. Do. 7 " "	2 3 "
Vermilionette, GENUINE deep ...	" "
Do. Do. pale ..	8 9 "

LAKES.

	Per lb.
Crimson	17 6 Net.
Purple	17 6 "
Scarlet	17 6 "
Yellow	8 6 "
Victoria	2 2 "
Mahogany	2 2 "

YELLOW.

	Per Cwt.
Chrome, GENUINE ..	82 - "
Do.	42 6 - "

BROWNS.

Raw Senina (lump) ..	Per lb. 15 - "
Burnt " (") ..	15 - "
Raw " (verigated & powdered, ..	38 - "
Burnt "	45 - "
Vandyke Brown (lump)	18 6 - "
Purple	28 - "

All Packages are charged, but allowed for in full if returned in good condition.

COLOURS, &c.

COLOURS GROUND IN OIL.

DRYERS.

Patent Ground Dryers	..	Per Cwt. 16/3 Net.
Liquid Dryers	... ..	Per gall. 6/3 "
Terebine	..	6/3 "

OCHRES.

Oxford	... ..	Per Cwt. 31/6 "
Italian	..	31/6 "

UMBERS.

Raw Turkey	... ..	26/6 "
Burnt	..	27/- "
English	..	28/6 "

YELLOW.

Chrome—Lemon, Middle,	}	GENUINE 98/- "
Orange		

BLACKS.

Super Paint	... ..	Per Cwt. 18/- Net.
Drop Ivory	... ..	52/6 "
Vegetable	..	51 "

GREENS

Brunswick, Pale, Mid., Deep	... ..	22/6 "
Bronze or Quaker	... ..	22/6 "
Emerald	..	82/6 "
Emerald Tint	... ..	27/6 "

BLUES.

Brunswick	... ..	20/- "
Prussian	..	86 "
Chinese	..	113/6 "
Ultramarine	..	86 "
Celestial	... ..	20 "

REDS.

Venetian	... ..	Per Cwt. 17/6 Net.
Bright	... ..	19/6 "
Indian	... ..	25/6 "
Turkey	... ..	25/6 "
Vermilionette	... ..	55/- "
Red Oxide	... ..	12/- "

BROWNS.

Purple, Pale, Mid., Deep	... ..	21/6 "
Chocolate	..	15/- "
Vandyke	... ..	47/6 "
Raw Sienna	... ..	47/6 "
Burnt	... ..	54/6 "

Colours Ground in Water.

Vandyke Brown	... ..	Per lb. 6d.
Raw Turkey Umber	... ..	5d.
Burnt	..	6d.
Raw Sienna	..	6d.
Burnt	..	8d.
Drop Black	..	9d.

Colours Ground in Turpentine.

Drop Black	... ..	Per lb. 8d.
Prussian Blue	... ..	3/3
Dutch Pink	... ..	9d.

BRONZE POWDERS.

Pale Gold	}	Per lb. 3/9 Net.
Deep		
Citron		
Green		
Blue		
Aluminium		

All Packages are charged, but allowed in full if returned in good condition.

READY-MIXED PAINTS, WHITE LEAD, &c.

READY - MIXED PAINTS.

SUPER QUALITY.

MADE OF VERY BEST MATERIALS, IN ALL COLOURS, and put up
in 1, 2, 4, 7 and 14 lb. Tins.

In	1 lb. Cans	...	Per Cwt.	Net.	} May be assorted Colours and sizes; but smaller quantities than 1 cwt. charged 1 - extra; if under 56 lbs., 2/- cwt. extra net.
"	2 & 4 lb.	"	28/-	"	
"	7 lb.	"	28/-	"	
"	14 lb.	"	28/-	"	
"	28 lb.	} Kgs..	25/-	"	

Kgs charged for and allowed in full when returned.

We also make in Ready-Mixed Paints the Colours as shown on
Colon. Card (see page 354*), and any Colour required can be matched
on short notice.

Our Mixed Paints have given the greatest satisfaction wherever
used, and there is a large demand for them.

We would SPECIALLY call attention to the BRILLIANCY of these
Colours; to their DURABILITY, and to their excellent DRYING QUALITIES.

The Paints are all ready for immediate use.

WHITE LEAD, &c.

GENUINE GROUND WHITE LEAD	...	£	per ton.
GENUINE RED LEAD	...	£	"

SUNDRIES.

Gold Size	...	per gall.	69	Net.
Double Gold Size	...	"	93	"
Putty, No. 1	...	per cwt.	66	"
Best Linseed Oil Putty	...	"	76	"
Raw Linseed Oil	...			
Boiled " "	...			
Sperm Oil	...			
Best Sableine Sweet Oil	...			
Turpentine	...			
Best Wood Naphtha	...			

At Lowest Prices, based on
Market Quotations.

The PRICES quoted in these pages are for COLOURS, &c., of the very FINEST MANUFACTURE.
We do not Stock Commor qualities - but we shall at all times be glad to quote for and specially prepare
goods to meet any particular requirements.

ALL PRICES ARE SUBJECT TO ALTERATION OF MARKET.

FOR VARNISHES, SEE PAGE 359.

SEE ALSO OUR SANITARY DECORATIVE ENAMEL (PAGE 356).

FOR ENAMELS for BATHS, Hot Water Cans, Art Furniture, &c., and for GOLD ENAMELS, STAINS, COLOUR CARD, &c., see preceding pages.

BRUSHES.



COPPER BOUND GROUND DISTEMPERS.

6 oz. 7 oz. 8 oz. 9 oz. 10 oz. 11 oz. 12 oz.

No. 113 69- 80/- 94/6 106/- 117/- 128- 139/- per dozen

No. 114 BEST .. 122- 133- 145- 156- 168/- "

Not Ground, 2-; String Bound, 3/- per dozen less.

COPPER BOUND MIXTURE DISTEMPERS. Two-Knot.

X XX XXX

No. 115 ... 35/6 41/6 46/6 per dozen

No. 116 BEST ... 46/6 50/6 56/6 "

COPPER BOUND FINE DISTEMPERS.

6 oz. 8 oz. 10 oz.

No. 117 .. 15/6 18/- 21/6 per dozen



FLAT HOG HAIR VARNISH BRUSHES.

(Bevelled. Extra Thick Lily Hair.)

No. 118

$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	4	5	6 inches
4/6	6/4	8/3	12/8	19/-	27/-	35/2	47/3	56/3	67/6	81/- per doz.



FLAT CAMEL HAIR VARNISH BRUSHES.

(Cedar Handles.)

 $\frac{1}{2}$ 1 1 $\frac{1}{2}$ 2 2 $\frac{1}{2}$ 3 3 $\frac{1}{2}$ 4 5 6 inches.

No. 119. 3/6 7- 10/6 13/6 16/6 20/- 24/- 28/6 32/6 37/- per doz.

TAR BRUSHES. 4 ft. handles.

1 2 3

No. 120 16/6 20/- 26/- per dozen.

5 ft. handles, 1-; 6 ft. handles, 2- per doz. extra.

SHORT TAR BRUSHES.

1 2 3

No. 121 ... 12/6 16/6 22/6 per dozen.

ENAMEL BRUSHES.

No. 122  11 3/4 per gross. IN GROSS LOTS.No. 123  19/6 .. Do. do.

SEE PRICES OF COLOURS, VARNISHES, ENAMELS, READY MIXED PAINTS, &c., PAGES 364 to 362.

BRUSHES.



ENGLISH SASH TOOLS. LILY BRISTLES.

	0	1	2	3	4	5	6	7	8	9	10	12
No. 101.	3/-	3/6	4/-	5/-	6/-	8/-	10/6	13/6	16/6	20/-	26/6	36/- p. doz.
No. 102. COMMON	...	4/6	5/6	7/-	8/6	12/-	14/-	17/6	22/-	28/6	"	"



SUPERIOR GERMAN SASH TOOLS. (Grey String Bound.)

	0	1	2	3	4	5	6	7	8	9	10	11	12
No. 103.	2/-	2/6	3/-	3/6	4/6	6/-	8/6	11/6	15/-	18/-	22/6	27/-	33/- doz.



ENGLISH HOG HAIR TOOLS. In Tin. Round or Flat.

	1	2	3	4	5	6	7	8	9	10	11	12
No. 104. White Handles	2/-	4/-	5/-	6/-	7/-	8/6	9/6	per doz.				
No. 105. Red Handles	5/6	7/6	8/6	9/6	10/6	12/6	14/6	"				

SUPERIOR GERMAN HOG HAIR TOOLS. In Tin. Round or Flat.

	1	2	3	4	5	6	7	8	9	10	11	12
No. 106. White Handles	1/6	1/9	2/-	2/2	2/3	2/9	3/6	3/11	4/9	5/3	6/4	6/9 per doz



GROUND BRUSHES (Metal or String Bound.)

	8/0	6/0	4/0	3/0	2/0	1/0
No. 107.	63/-	57/6	54/-	50/6	41/-	35/6 per dozen
						Copper Bound, 3/- per dozen extra.



OVAL GROUND BRUSHES (Metal or String Bound.)

	8/0	6/0	4/0	3/0	2/0	1/0
No. 108.	64/6	59/-	55/6	52/-	42/6	37/- per dozen

COPPER BOUND ONE-KNOT GROUND BRUSHES.

	8/0	6/0	4/0	3/0	2/0	1/0
No. 109.	63/-	57/6	54/-	50/6	41/-	35/6 per dozen

METAL OR STRING BOUND ONE-KNOT COMMON GROUND BRUSHES.

	8/0	6/0	4/0	3/0	2/0	1/0
No. 110. B QUALITY	46/6	43/6	37/-	35/6	29/6	24/- per dozen
No. 111. A QUALITY	52/6	48/-	43/6	38/6	33/-	30/- "



DUSTER BRUSHES (Metal or String Bound.)

	8/0	6/0	4/0	3/0	2/0	1/0
No. 112.	74/6	67/-	54/-	49/6	42/-	38/6 per dozen
						Copper Bound, 3/- per dozen extra.

PLUMBERS' BRASS WORK.

PLUMBERS' BRASS WORK.

F. B. & Co., in submitting to their esteemed Customers the goods shewn in following pages, believe that all the articles will meet with the approval of the Trade, both in regard to price and quality.

A good stock of all descriptions is kept, and sample orders are solicited.

SCREW-DOWN BIB AND STOP COCKS.



No. 1 A.—S. D. Bib Cock.

	$\frac{1}{2}$ inch.	$\frac{3}{4}$ inch.
Screwed for Iron	21	21 - per doz.
Screwed with Boss	23 6	23 6



No. 2 B.—S. D. Bib Cock.

	$\frac{1}{2}$ inch.	$\frac{3}{4}$ inch.
Screwed for Iron	31 3	49 6 per doz.
Screwed with Boss	35 6	54 9



No. 3 B.—S. D. Bib Cock.

	$\frac{1}{2}$ inch.	$\frac{3}{4}$ inch.	1 inch.
Screwed for Iron	27 - 35 6	46 3	56 - 104 3 doz.
Screwed with Boss	30	39 9	51 6 62 3 116 -

USUAL EXTRAS FOR HOSE UNION OR NUTS BY TO BIB COCKS, SEE PAGE 371. THIS COCKS ARE FOR CAST-IRON HEAD, TOILET, LEATHER HOSE OR COLD, SEE PAGE 374



No. 4 B.—S. D. Stop Cock.

	$\frac{1}{2}$ inch.	$\frac{3}{4}$ inch.	1 inch.
Plain Tails	23 9	36	60 3 doz.
Screwed Male Inlet	25 9	38 9	64 6
Plain Outlet	25 9	38 9	64 6
Screwed Male each end	27 6	38 9	68 9
Screwed M and F	30 9	44 3	72 6



No. 5 B.—S. D. Stop Cock.

	$\frac{1}{2}$ inch.	$\frac{3}{4}$ inch.	1 inch.
Plain Tails	21 6	25 9	36 6 45 3 67 3 doz.
Screwed Male Inlet	23 9	28	41 - 49 6 72
Plain Outlet	23 9	28	41 - 49 6 72
Screwed Male each end	25 9	30	45 3 53 9 76 3
Screwed M. and F	29 6	35 6	60 6 59 9 84



No. 6 B.—S. D. Stop Cock.

	$\frac{1}{2}$ inch.	$\frac{3}{4}$ inch.	1 inch.
Plain Tails	32 3	53 3	82 9 per doz.
Screwed Male Inlet	34 6	57 6	87 9
Plain Outlet	34 6	57 6	87 9
Screwed Male each end	36 6	61 9	92 6
Screwed M and F	43	68 3	100
Two Unions, as sketch	51 9	75 3	115 6

PLUG BIB AND RANGE COCKS.



No. 7 R.—G. M. PLUG BIB COCK.

$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ 1 inch.
Screwed for Iron... 26/6 30/3 43/- 49/3 73/9 doz.
Screwed with Boss 29/9 34 49/3 55/3 82/- "



No. 8 R.—G. M. PLUG BIB COCK.

To match No. 12 B Range Cock.

$\frac{1}{2}$ $\frac{1}{2}$ inch.
Screwed for Iron, Brass Handles... 34/9 54/9 doz.
Screwed for Iron, Ebony Handles 37 60 "



No. 9 R.—G. M. PLUG BIB COCK.

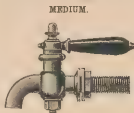
Packed with Asbestos.

$\frac{1}{2}$ $\frac{1}{2}$ 1 inch.
Screwed for Iron, $\frac{1}{2}$ 68/3 90 133/3 doz.
Ebony Handles ...



No. 10 R.—BRASS RANGE COCK.

$\frac{1}{2}$ inch.
Length of Tails 1 $\frac{1}{2}$ "
With loose Brass Handle 26/6 doz.

Made in $\frac{1}{2}$ inch only.

No. 11 B BRASS GLOBE BODY RANGE COCK.

$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ inch.
Length of Tails ... 2 $\frac{1}{2}$ 2 $\frac{1}{2}$ 2 $\frac{1}{2}$ "
Brass Handles .. 43 49/3 63/6 doz.
Ebony " ... 45/6 51/- 67/6 "



No. 12 B—G. M. RANGE COCK.

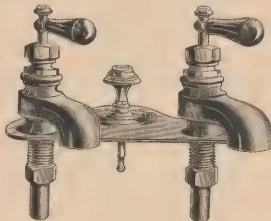
$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ inch.
Length of Tails ... 2 2 $\frac{1}{2}$ 2 $\frac{1}{2}$ "
Brass Handles .. 45' 55/6 67/9 doz.
Ebony " ... 46/6 57/6 71/9 "
Length of Tails ... 3 3 3 inch.
Brass Handles ... 48/6 57/6 69/9 doz.
Ebony " ... 50/6 59/6 73/9 "

BATH FITTINGS.

BRABY'S SPECIAL BATH VALVES.

VERY
HANDSOME

IN
GUN METAL.



EBONY
HANDLES.

OR
POLISHED BRASS

No. 50G.

No. 50G. SPECIAL GUN METAL BATH VALVES AND WASTE PULL-UP. LEVERED HOT, COLD AND WASTE, WITH SHORT QUICK-TURN EBONY LEVER HANDLES. Mounted on Strong Plate.

PRICES—Complete.

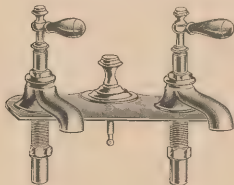
$\frac{3}{4}$ inch ... £2 5 0 each.

1 inch ... £3 0 0 each.

Can be had in POLISHED BRASS at same prices.

BATH FITTINGS.

Braby's Special Bath Valves.



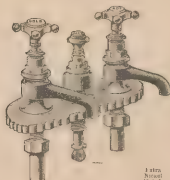
No. 51.

No. 51a. These BATH VALVES are of the same description as our No. 50 a, of Gun Metal, with short quick turn EBONY LEVER HANDLES, AND LETTERED HOT, COLD AND WASTE, and are designed to meet the demand for similar BATH VALVES to our No. 50 a, at lower prices.

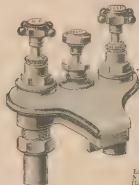
PRICES Complete.

$\frac{1}{2}$ inch ... £1 15 0 each. 1 inch ... £2 12 6 each.

Can be had in POLISHED BRASS at same prices.

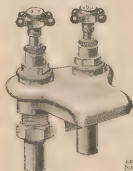


No. 107 G.—Combined } $\frac{1}{2}$ 1 1 in.
Bath Set, on Plate ... } O.M. 36 50 2 10 6 each.



No. 106 G.—Combined } $\frac{1}{2}$ 1 1 in.
Bath Valve, Hot, Cold } G.M. 22 6 30 5 6 6 9 each.
and Waste ... } Y.M. 21 - 27 2 6 6 9 "

BATH FITTINGS.



No. 105 a.—Combined Bath Valve, Hot and Cold ...

G.M.	19-	23 1/2	4 1/8	5 9	each

1 1/2 inch |

No. 105 a.



No. 110 a.



110a. Gun Metal Waste Plate

111a. " " "

	1	1 1/2	2	1 inch
...	—	4 1/8	6-	6 1/8 each
...	3-	3 1/2	4 1/8	6- "

108a. Cast Iron Standing Waste, with adjustable outlet arm...

Ditto, if fitted with Trap ... extra

109a. Cast Iron Standing Waste, with adjustable outlet arm, trap and internal overflow

Ditto, with Nickel Plated Rose ... extra

For
Iron Bath.For
Porcelain
Bath.15/-
18/- each

4/6 4/6 "

18/- 20/-

1/6 1/6 "

BRABY'S STRONG COPPER QUICK WASTE
AND STANDING
OVERFLOW
UNIONS TO
CONDUITS.

No.



52.

PRICE

£2 5 0 each.

BRABY'S COPPER SANITARY TRAPPED
OVERFLOW AND WASTE.

SECTION.

As
supplied
to
our Baths
see Bath
Section,
pages
539 to 539.

No. 111 a. Supplied to our Baths at £1 5 0 extra.

No. 111 a.



No. 109 a.



LAVATORY TAPS AND FITTINGS.

Lettered Hot or Cold.

GUN METAL.

		$\frac{1}{2}$	$\frac{3}{4}$	1	inch.
No. 100 G.	Toilet Tap ...	55/3	77/6	90/-	141/6 doz.
No. 101 G.	" " ...	55/3	77/6	90/-	141/6 "

LENGTH OF NOSE FROM CENTRE TO UNDER SIDE OF BID.

		$\frac{1}{2}$	$\frac{3}{4}$	1	inch.
No. 100 G.	... ..	2 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4 "
No. 101 G.	... ..	2	2 $\frac{3}{4}$	3 $\frac{1}{2}$	4 $\frac{1}{2}$ "

No. 100 G.



No. 101 G.

Self Closing Pillar Tap.

LETTERED HOT OR COLD.

FOR TIP-UP BASIN.

Gun Metal.	Nickel Plated.
155/-	168/- doz.



No. 102 G.



No. 103 G.—BASIN OR BATH WASTE.

(See No. 112G, page 372 for BENT UNIONS.)

$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$	inch.
166	206	25-	37,-	52-	per doz.



No. 13 D.—BASIN PLUG AND TRAP.

(See page 372 for BATH TRAP.)

1 inch	77,-	per doz.
--------	-----	-----	-----	------	----------



No. 104 G.—G. M. CHAIN STAY.

Plain.	Nickel Plated.
5/- per doz.	9,- per doz.

ANY OF OUR BID LOCKS SHOWN ON PAGE 366 CAN BE HAD WITH SPOKE KNOBS OR CAPTAIN HEAD, AND LETTERED HOT OR COLD, AT USUAL EXTRA COST, SEE p. 374.

BATH FITTINGS.



No. 112 G.—BATH WASTE.

1½	1½ inch.
37/-	52/- per doz.

(See No. 1030, page 371, for STRAIGHT UNION.)

No. 113 G. BATH OVERFLOW.
(Top Unscrews.)

1	1½ inch.
18/6	24/6 per doz.

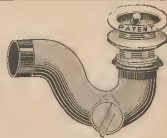


No. 114 G.—BATH WASTE.

With Trapped Outlet.

1½	1½ inch.
70/-	87/- per doz.

(See page 371 for BASIN TRAP.)

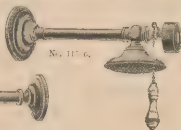


No. 14 B.—BATH WASTE.

With Patent Side Screw, right or left hand.

1½	inch.
77/-	per doz.

(See page 371 for LAVATORY TRAP.)



No. 115 G.



No. 116 G.

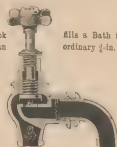
No. 115 G. High Pressure Shower, Wrought Iron Tube, Cast Iron

Wall Plate, 8 in. Copper Rose, &c. 27/- each.

No. 116 G. Brass Shower, 18 in. long, with Brass Wall Plate,

6 in. Rose, and 1½ in. Brass Tube 27/- "

Do. Do. do. with Swivel Arm 35/- "

This Cock
takes time of anfills a Bath in half the
ordinary ½-in. Bath Cock.

No. 15 B.—IMPROVED VERTICAL BATH COCK.

	½ inch.
Yellow Metal	87/6 per doz.
Gun	72/- "

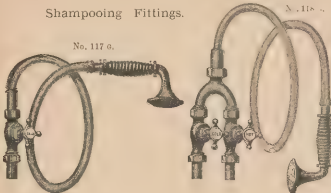
BATH FITTINGS, BEER TAPS, &c.



No. 16 B.—POLISHED BEER COCKS.		No. 17 B.—STRAPTED BARREL BEER COCKS.					
No. 1	2	3	4	Night	§	§	inch.
Nighted .. 286	31-	349	39- doz.	Lock	34 9	39 ¹ -	per doz.
						41/-	"

Straight Unions, no. 8	...	55 6 3/4	1 1/2
Bent Unions	...	65	

Shampooing Fittings.



No. 117 a.—Shampoo Valve, Brass Rose, Horn Handle, 4	28 6	30 9	each.
do. do. do. Cold only			
do. do. do. Nickel Plated	25	34 3	"
No. 118 a.—8½" x 2½" Valve, Brass Rose, Horn Handle, 4	36—	51 6	"
do. do. do. Hot and Cold			
do. do. do. Nickel Plated	41 6	58 —	"

Sink Traps.



Pd.	2	2,	1	1,	1	1,	1	6	nach.
	8-	8	10 6	13 6	22 -	30 6	37 6	47 6	per doz.



No. 120 g.—ROUND SINK GRATE.						No. 121 g.—BRASS TRAP SCREW.					
Dia.	1	1½	1½	2	2½ inch						
	13	16	23	29	39 doz.	1	1½	1½	2	2½	3
	2½	3	3½	4	4½ inch.	3½	5½	7½	10½	16-	per doz.
	43	63	73	113	15-	18-	doz.				

PLUMBERS' BRASS WORK.

Connections for Iron, Lead, &c.



No. 123 G.



No. 124 G.



No. 125 G.



No. 122 G.

	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	1 inch
No. 123 G.—Boiler Ferrule or Notice Pipe for Cisterns	8.-	9.-	12.-	18.- per doz.
" 124 G.—" " " "	12.-	13.9	17.-	27.6 "
" 125 G.—Plumbers' Union ...	10.6	—	17.-	28.6 "
" 122 G.—Straight Ferrule ...	14.-	—	18.6	30.- "

No. 126 G.—ELBOW COUPLING, Screwed Ends for iron—



No. 126 G.

$\frac{1}{2}$	$\frac{3}{4}$	1 inch
27.6	39.6	51.3 per doz.

No. 127 G. CAP AND LIVING FOR WATER TAPS (strong)—

$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	1 inch
4	6	10.6	14.- per doz.



No. 128 G.

No. 128 G. NOSE BITS WITH UNIONS.

$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$ inch
9.-	10.9	14.- per doz.



No. 127 G.



No. 128 G.

Extra for Cross Top or Toilet Cocks. LETTERED HOT OR COLD.

$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	1 inch
6.6	6.6	6.6	6.6	6.6 per doz.

Brass Soil Pipe Ferrules.

AS REQUIRED BY THE
LONDON COUNTY COUNCIL.

No. 128 G.—BRASS FERRULE.

Length	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	6	7	8	9	10	11	12	ins.
Bore	$1\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$	$3\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$	$6\frac{1}{2}$	$6\frac{1}{2}$	in.
Price	1/3	1.6	2/-	2.6	3/-	3.6	5-	6.6	each.			



No. 128 G.—BRASS CONNECT ON

Length	$4\frac{1}{2}$	$4\frac{1}{2}$	inch
Bore	$5\frac{1}{2}$ x $4\frac{1}{2}$	$5\frac{1}{2}$ x $3\frac{1}{2}$	"
Price	5.6	5.6	each

AS REQUIRED BY THE
LONDON COUNTY COUNCIL.

CROYDON BALL VALVES and PEET'S STEAM VALVE.

Croydon Ball Valves with Copper Ball.



No. 130 c.



No. 131 c.

	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	1 inch.
Screwed for Iron ...	31 6	33	52 6	83 - per doz.
With Screw Boss ...	35/-	36 9	58 6	92 3 "
Diam. of Copper Ball ...	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$ inches.

	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	1 inch.
Wt. L. for Cisterns ...	38 -	43 3	69 9	98 3 per doz.
Diam. of Copper Ball ...	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$ inches.

STEAM FITTINGS.



No. 357 c.

No. 357 c. Straightway Peet's Valve.

	$\frac{1}{2}$	$\frac{1}{2}$	1	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2 inches.
FEMALE ...	6/-	7 5	10 3	12 9	16 3	23/- each.

FOR BRASS CISTERN PULLS SEE PAGE 165.

FOR WATER-WASTE PREVENTERS SEE PAGE 161 TO 165.

SAFETY VALVES.

These are the only reliable Safety Relief Valves for the prevention of explosions in Kitchen and other Boilers.



No. 20 B.



No. 21 B.



No. 22.



No. 23.



No. 24 B.

PRICES ARE AS FOLLOWS :

No.					$\frac{1}{2}$ inch.	1 inch.
20 B.	G. M. Spring Safety Valve	...	...	...	59	63 each
21	" " " " " "	...	...	...	46	51 "
22	" " " " " " with Blow-off Union and Thimble	...	...	...	61	69 "
23	" " " " " " with Thimble	...	...	...	61	69 "
24 B.	" " " " " " Dead-weight Safety Valve, with Union for Blow-off Pipe	...	...	...	91	99 "
25 B.	" " " " " " " " " " " "	...	...	...	69	79 "

ALL VALVES SHOULD, OF COURSE, BE INSPECTED FROM TIME TO TIME TO SEE THAT THEY ARE IN PROPER WORKING ORDER.



No. 25 B.

Explosions avoided if you have fixed on your Boiler a Spring or Dead Weight Safety Relief Valve

GOODS PASSED AND STAMPED BY THE NEW RIVER COMPANY.



No. 27 B.—NEW RIVER STOP COCKS.

	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$ inch.
With 2 Unions ...	56	79	122	270 - doz.
(as shown)				



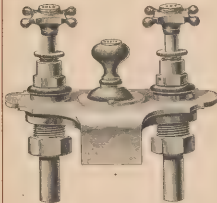
No. 26 B.—NEW RIVER BIB COCKS.

	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	1 inch.
Screwed with Boss, 34, 3	44	55	9	66	120 - doz.



No. 30 B.—NEW RIVER BENT FERRULES

	$\frac{1}{2}$	$\frac{3}{4}$	1 inch.
	25 9	34 3	46 9 per doz.



No. 29 B.—NEW RIVER BATH PLATES.

Hot and Cold only	($\frac{1}{2}$ inch)	16/9 each.
Hot, Cold and Waste	($\frac{3}{4}$ inch)	27/- "



No. 28 B.

NEW RIVER UPRIGHT LAVATORY COCKS.
(LETTERED HOT OR COLD.)

$\frac{1}{2}$ in.	64/6 per doz.
-------------------	-----	-----	---------------



No. 31 B.

NEW RIVER SCREW-DOWN STOP FERRULES.

$\frac{1}{2}$ inch	48/- per doz.
--------------------	-----	-----	---------------

THE "AETNA" BRAZING LAMP (Patent).

**ABSOLUTELY
SAFE.**

Burns without
Wick, and is free from
Smell, Soot and Smoke.

BURNS WELL AND SAFELY IN
ANY POSITION.

Made of Stout Brass, Burnished
and Well Finished.

PRICES.

No. 1.—Inclined Burner as shewn, to
contain 2 pints 10s each.

THE "AETNA."

THE ONLY RELIABLE BRAZING LAMP.

INVALUABLE TO PLUMBERS, ENGINEERS,
COPPERSMITHS, BRAZIER
and others.

**EXPLOSION
IMPOSSIBLE.**

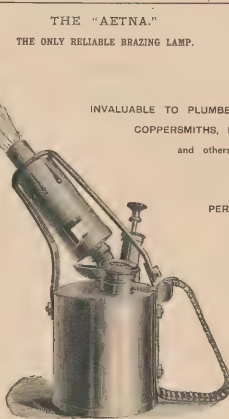
PERFECTLY WEATHER-PROOF.

Will work in Wind or Rain.

FLAME AS EASILY REGULATED AS A
GAS JET.

PRICES. *Continued.*

No. 2.—1 pint	17s each.
No. 7. About 3rds pint	15s



DIRECTIONS FOR USE SENT WITH EACH LAMP.—SEE ALSO PAGE 382.

PETROLEUM LAMP STOVE FOR COOKING OR BOILING PURPOSES (Patent).

**ABSOLUTELY
SAFE.**

THE "PRIMUS" LAMP STOVE.

HIGHEST AWARD AT THE CHICAGO EXPOSITION, 1893.

Burning without Wick. No Smell. Made entirely of Brass, well polished.

**EXPLOSION
IMPOSSIBLE.**

Positively without Fumes, Soot
and Smoke.

Equally useful Summer or Winter.

One Quart of Water will boil in
three to four minutes.

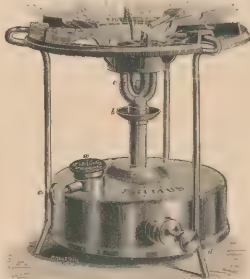
When the Lampstove is burning
with largest flame it consumes only
about one third of a pint of
Petroleum per hour.

Consequently a saving of Fuel
hitherto unknown.

In 5 minutes 2 quarts of water will
boil at a cost of about $\frac{1}{8}$ part of
a penny.

In 5 minutes a Rump Steak will be
done at a cost of about $\frac{1}{16}$ penny.

In 10 minutes a Flat Iron will be
ready for use at a cost of about
 $\frac{1}{8}$ penny.



The Petroleum burns in the
shape of Gas.

Complete Combustion of Smoke
and Petroleum.

Economical and Durable.

EMITS NO MOISTURE.

Easily Regulated.

PERFECTLY SAFE.

Does not Soot the Kettle.

EASY TO MANAGE.

High-Class Finish and pretty
Shape.

May, when burning, be removed by
one hand only.

THIS IMPORTANT NOVELTY is an indispensable article in all well furnished houses. A sensible housekeeper will prefer this stove to any other for all sorts of boiling or cooking purposes. It is also the best for Extraneous, Steady, and Clean, with advantage, be employed for Heating Flat Irons, and also for the Melting of Metals. Can be made to order, with 2, 4, 6 and 8 burners.

PRICE, including Top Ring

15 6 each.

DIRECTIONS FOR USE SENT WITH EACH LAMP, SEE ALSO PAGE 382.

FOR THE "EXPRESS" KETTLE FOR THIS LAMP, SEE PAGE 293

PLUMBERS' STOVE, FOR HEATING SOLDERING IRONS, TINNING, &c. (Patent).

ABSOLUTELY
SAFE.

THE "ULTRAPRIMUS."

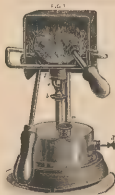
THE PLUMBERS' STOVE.

PRIZE AWARDED AT THE CHICAGO WORLD'S FAIR, 1893.

BURNS WITHOUT WICK WITH COMMON PETROLEUM OR PARAFFIN.

WILL WORK ANYWHERE EITHER INDOORS OR OUT.

EXPLOSION
IMPOSSIBLE.



HEATING SOLDERING IRONS

The handles of the soldering-irons not being touched by the flame, can be used considerably shorter with this apparatus.

The Stove is made of Stout Brass and well polished.

ADVANTAGES.

- | | |
|-----------------------------|-------------------------|
| Quick heating. | Quite free from smoke. |
| Uniform heating. | Quite free from smell. |
| Flame easily regulated. | Easily filled and lit. |
| Quick melting of tin. | No danger |
| Can be carried by one hand. | Utmost cleanliness. |
| Quite safe from explosion. | Neatly and well made. |
| Quite free from soot. | Requiring little space. |

Will heat simultaneously one or several irons of different sizes.



MELTING TIN.

THE apparatus is supplied complete consists of the Tute of Fig. 1 (without the soldering irons), and the Iron Basin adapted for Melting (as shown on Fig. 2).

Consumes with full flame only about one-third of a pint of Petroleum per hour.

Neither Pipes nor Chimney required in the Workshop.

We call attention to the great gain in time obtained by using this apparatus for melting and for soldering with irons.

Without the many annoyances, besides the loss of time in obtaining the coals, great attention is required in order not to burn the irons. All this is avoided by the use of this apparatus.

PRICE, complete - - - - - 32 3 each

FULL DIRECTIONS FOR USE SENT WITH EACH LAMP, SEE ALSO PAGE 382.

PETROLEUM LAMPS.

DIRECTIONS FOR USE.

The tank is to be filled with Petroleum, and the latter pip under the burner with Methylated Spirit. This spirit will, when lighted, heat the burner. Just before the spirit is burnt out, close the Air Valve, and Petroleum should be pumped from the tank up into the hot burner, when it will be transformed into Petroleum Gas, and this Gas will burn with a blue and intensely hot flame. After pumping to the required pressure, it is then only necessary to pump occasionally to raise the flame. There is no fear of over-pumping. When required the flame may be lowered by opening the air valve for a second or two. The flame is put out by leaving the air valve open. **EXPLOSION IS IMPOSSIBLE**, as the gas is only produced in the burner. The tank contains nothing but Petroleum and Compressed Air, **AND WILL NEVER BECOME HOT**. Every Lamp is tested to 45 lbs. pressure per square inch.

When the Lamp is not in use the Air Valve should be left open.

PRICE LIST OF SEPARATE PARTS.

Burners :—"Primus" per doz. 45 -	Cleaning Needles, or Prickers per doz. packets of 3 Needles 4
Do. "Vesuvius," "Ultra-Primus," "Aetna" 57/-	Vulcanite Packings for Lid per gross 28
Flame Rings for "Primus" 7 6	Asbestos Packing Rings for Burners " 15/-
Do. "Ultra-Primus" 0 -	New Lids per doz. 9 6
Do. "Aetna" 17/-	Do. Pumps " 57 -
Nozzles or Gas Jets. 7/6	Pump Leathers per gross 17 -
Valve Screws 7 6	Keys to unscrew Nozzles per doz. 40/-

FULL PRINTED DIRECTIONS ARE SENT WITH EACH LAMP.

THE "DOTY" LAMP.

(PATENTED IN THE UNITED KINGDOM, FOREIGN COUNTRIES, AND THE COLONIES.)

LIGHT! LIGHT!! MORE LIGHT!!!

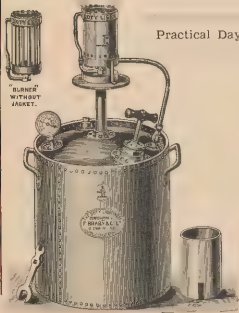
GOLD MEDAL BRUSSELS EXHIBITION. 1888.

The FIRST Lamp of the kind introduced, since when, unfortunately, there have been imitations, more or less unsatisfactory, and to those who happen to have used these and not had experience of the "Doty" Lamp, there is, in consequence, a tendency to condemn this kind of Lamp generally, which would not be the case if the "Doty" Lamp had first been used.

N.B.—The "Doty" Lamp gives NO TROUBLE as do the other Lamps.

Practical Daylight

for Working Purposes.

BURNER
WITHOUT
JACKET.

TRADE MARK

Height, Inches.	Diameter, Inches.	Capacity, Gallons.	SIZE of (Reservoir)	Approximate Candle Power.	PRICE.		
					£	s.	d.
21	× 18	17		700 to 3,000	18	18	0

According to the description of Oil used.

Complete with Force Pump, Pressure Gauge, &c., as per illustration.

Other sizes of Reservoirs, to hold more or less Oil, can be supplied at proportionate prices.
A Light Pump can be procured from us for transferring Oil from the Oil Barrel to the Lamp at 15/-
A Wind-Screen, which also acts as a Reflector, can be supplied with the Lamp at 18/9 extra.

FOR FURTHER PARTICULARS SEE PAGE 384.

THE "DOTY" LAMP.

(PATENTED IN THE UNITED KINGDOM, FOREIGN COUNTRIES, AND THE COLONIES.)

CAPTAIN DOTY, who is well known in the scientific world as having "solved the problem" of employing Mineral Oils in LIGHTHOUSE ILLUMINATION, has succeeded in producing a SELF-GENERATING LAMP, for converting Mineral Oils into a Gas, which burns with great brilliancy, combined with Safety and Economy, yielding a light of about 700 to 3000 CANDLE POWER, according to the description of Oil used.

This Lamp possesses the following

ADVANTAGES.

Simplicity.

Portability.

No Steam or other motive power.

No Wicks or Glasses.

No attention, after lighting, is required, except a few strokes of the Pump about every two or three hours.

It can be lighted in full force within Five Minutes.

It will burn as long as the supply of Oil is continued.

The quantity of Oil consumed averages only about three-quarters of a gallon per hour.

No spray of unconsumed Oil to surroundings, besides waste of same.

There is a very little noise in this "Doty" Light compared to other Oil Gas Lights and which latter are therefore so objectionable, especially when being used in such operations as Railway Tunnel Works.

INSTRUCTION CARD SENT WITH EACH LAMP.

It is especially adapted for RAILWAY COMPANIES, who can use it with great advantage in Lighting up Break-down Gangs, Tunnels, Shuntings, Crossings, Coalings and Goods Stations, Platforms, &c.

CONTRACTORS will also find this Lamp of great value in their construction of Canals, Bridges, Docks, Piers, Tunnels, Public Buildings, &c. SHIPBUILDERS can employ it in their yards with the greatest economy, inasmuch as it can be readily moved from one position to another, where it will be most beneficial.

For SHIPPING, DOCKS, and LANDINGS it will prove a boon for a Dock-light, (when receiving and discharging cargo), Laying and Raising Submarine Cables, Signalling, Landings, &c.

It is equally adapted for Lighting up FOUNDRIES, BOILER-SHEDS, PITHEADS, QUARRIES, &c., and the illumination of PARKS, GARDENS, PUBLIC BUILDINGS, &c.

It is also very suitable for ARMY MANŒUVRES SIGNALLING, and will be found invaluable in lighting up the Stations and Chambers of GOLD, SILVER, and COPPER MINES; also for DIAMOND MINING.

FURTHER PARTICULARS AND FULL LISTS SENT ON APPLICATION.

ZINC SASH BARS, &c.—All Full Size.

ZINC SASH BARS, MOULDINGS, WATER BARS, ROLL CAPS, &c.

FOR FULL-SIZE ILLUSTRATIONS SEE FOLLOWING PAGES.

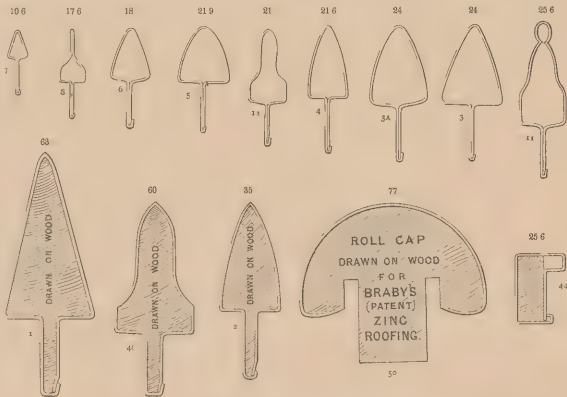
Attention is called to the Patterns of Mouldings, such as Sections 33, 33½, 57, 102, 112, 113, 114, 115, &c. on page 332. The ordinary Roll Cappings for Roofs (page 390), both square (see pattern No. 49) and round (see patterns Nos 34, 35, 36, 43 and 45), are not priced here at per hundred feet, but are sold at per cwt., based on the current price of sheet zinc. The approximate weights of these Cappings are well known, as they are in constant demand. We also keep in stock Astragals of various sizes for Chimney Tops, Pipes, Cisterns, &c. (see pages 86 and 87), and have special facilities for making promptly Mouldings of all Descriptions for Ornamental Zinc and Copper Roofs, Turrets, &c. Particulars of Embossed Zinc-Work of various designs for Roofs, and including ornamental representations of Foliage, Birds, Heads of Animals, &c., can be had on application. Also an Illustrated List with prices of Embossed Zinc Dormers.

The Prices are at per 100 ft. run for usual 8 ft. Trade Lengths.

DIES MADE AND CAPPINGS, MOULDINGS, &c. DRAWN OF ALL DESCRIPTIONS

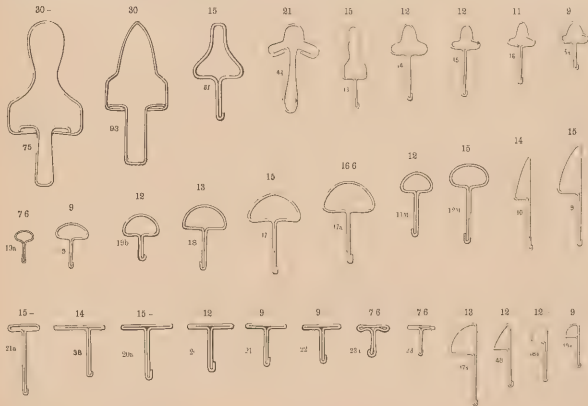
ESTIMATES PROMPTLY GIVEN.

ZINC SASH BARS, &c.—All Full Size.



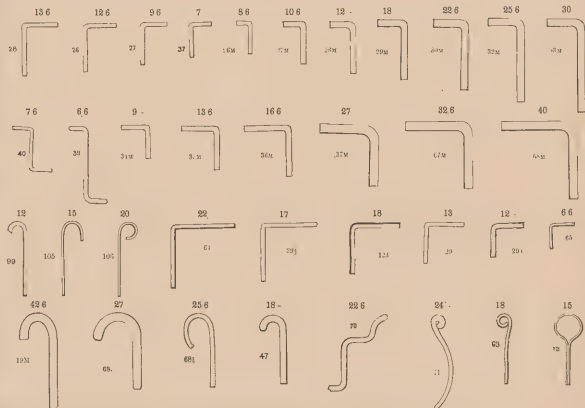
THE PRICES ARE AT PER 100-FT. RUN.

ZINC SASH BARS, &c. All Full Size.



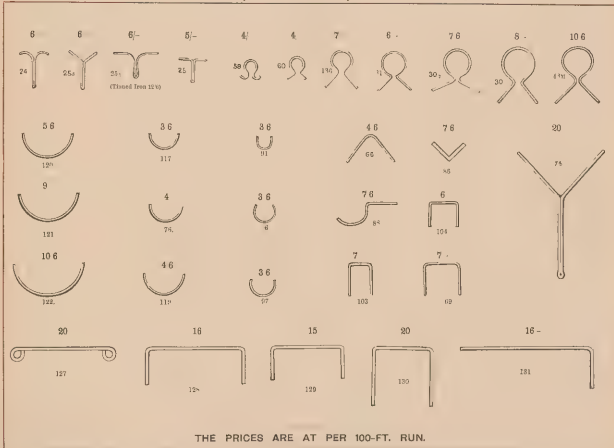
THE PRICES ARE AT PER 100-FT. RUN.

ZINC SASH BARS, &c.—All Full Size.



THE PRICES ARE AT PER 100-FT. RUN.

ZINC CAPPINGS, MOULDINGS, &c.—All Full Size.



THE PRICES ARE AT PER 100-FT. RUN.

ZINC CAPPINGS.—All Full Size.

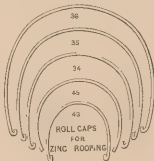
ROLL CAPS FOR ZINC ROOFING CHARGED AT PER CWT. AT LOWEST RATES.



SQUARE ROLL CAP.

No. 49 can be supplied curved to any radius.

PRICES ON APPLICATION.

ROLL CAPS
FOR
ZINC ROOFING

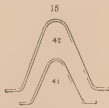
VERANDAH CAPPING



VERANDAH CAPPING

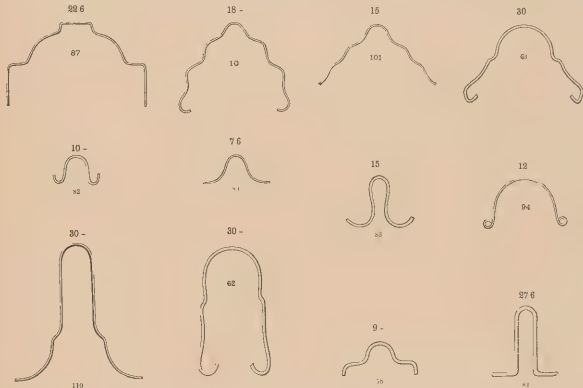


VERANDAH CAPPING.



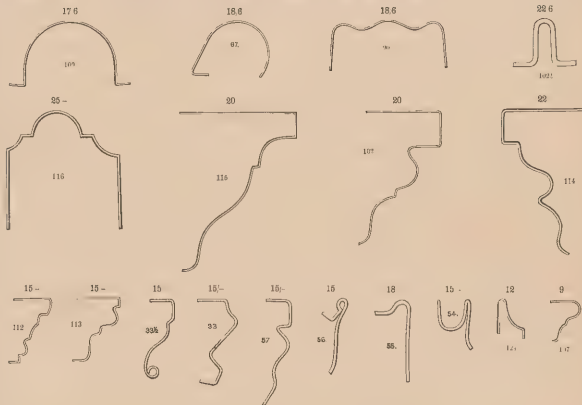
THE PRICES ARE AT PER 100 FT. RUN.

ZINC CAPPINGS, MOULDINGS, &c.—All Full Size.



THE PRICES ARE AT PER 100-FT. RUN.

ZINC CAPPINGS, MOULDINGS, &c.—All Full Size.



THE PRICES ARE AT PER 100-FT. RUN.

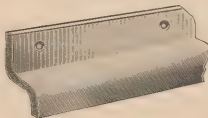
ZINC CAPPINGS, MOULDINGS, &c.—All Full Size.



Weather Bar.

In 5 ft. Lengths x 13 W.G. Thick.

No 126.



90.- per 100-ft. run.



92

We have special facilities for supplying
Mouldings of all descriptions.

Estimates given upon application.

(FOR TUBULAR MOULDINGS SEE PAGES 104 AND 105.)

THE PRICES ARE AT PER 100-FT. RUN.



Section of No. 92.

BRABY'S ALUMINIUM WARE.

BRABY'S ALUMINIUM WARE.

REDUCED PRICES.

BRIGHT. STRONG. LIGHT. DURABLE.

In comparing our prices with others, we request you to bear in mind that our articles are made of pure Aluminium, and are of superior make, extra strength and high class finish throughout and of the best workmanship.

The fancy and portable articles are either highly polished like silver or frosted with satin finish. In fact they are better than silver and plated articles, as they do not tarnish (discolour), but wear white throughout.

Our Cooking Utensils are highly polished throughout. We keep large stocks and can make articles to order promptly.

Having had more than 45 years' experience in working Aluminium, and improved our plant in many ways, we have now brought our make up to perfection.

WE SOLICIT A TRIAL ORDER.

Our Ware must be seen to be fully appreciated. The illustrations in this Catalogue are taken from the actual articles, but do not do justice to their admirable finish and appearance.

N.B.—As other makers are now adding similar designs Trade Mark "Eclipse" Brand for our Cooking quality please specify the "Eclipse," and see that it



"ECLIPSE BRAND"

to ours, as later found it necessary to register the Utensils, &c. To ensure obtaining our superior is stamped on the articles you receive.

FRED^K. BRABY & CO., LTD.,
THE PIONEER BRITISH MAKERS OF ALUMINIUM COOKING UTENSILS.

N.B.—All prices subject to market fluctuations, or to withdrawal without notice.

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Cake Tins ...	409	Frying Pans† ...	404, 402	Peg Tumblers, &c. ...	402	" Trays ...	413
Cups—Collapsible ...	409	Fruit Knives ...	413	Portable Canteens ...	401, 102	Tent Poles and Rings ...	410
" Drinking (round and oval) ...	409	" Dishes ...	413	Powder ...	396	Testimonials, &c. ...	397, 398
" Egg ...	418	Fannele ...	412	Preserving Pan† ...	400, 102	Tents, Results of ...	397, 398
" Flask ...	409	Fuse Cases ...	414	Pudding Pans ...	410	Tiffin Sets ...	406-408
" Tea and Coffee ...	409	Gear Cases ...	87	Purses ...	413	Trays ...	413
" Wine ...	409	Glass Pots ...	401	Perforated Sheets ...	397	Tumblers ...	409
Candlesticks ...	412	Glassa Pans ...	404	Polish ...	397	Tubes ...	396
Canteens ...	401-409	Hals et ...	402	Pepper Castors* ...	410	Urns, Tea and Coffee ...	401
Camp Saucepans ...	402, 108	Hot Pots ...	402	Rods, Rivets* ...	399	Vases ...	412
" Kettles and Teapots ...	404	Hot Water Dishes and Jugs ...	412	Rings ...	412	Vegetable Dishes ...	412
Cord Trays ...	418	Indian Vessels ...	403	Rice Boilers ...	400, 408	" Stewpans ...	400
Chafing Dish† ...	411	Ingot ...	396	Salt, Pepper, &c., Boxes ...	410, 411	" Strainers ...	401, 405
Chain ...	411	Jardineres ...	412	Sandwich Boxes ...	408, 410	Vests (and Fuse) Boxes and Cases ...	414
Chatties, Indian ...	108	Jugs* ...	412	Saucepans ...	392, 101	Waistcoats ...	413
Chamber Utensils ...	414	Knives ...	415	Sauté Pans ...	413	Wire* ...	396
Cigar Cases ...	414	Kettles† ...	404, 105	Serviette Rings ...	413	Water Bottles ...	410
Cigarette Cases ...	411	Key Chains ...	411	Sheet Metal* ...	396	Weights, per square foot of Sheets, &c. ...	396
" Boxes ...	411	Letters ...	397	Ship's Saucepans ...	413	Whiskey and Soda Canteen ...	409
Coal Boxes* ...	404	Lemon Squeezers† ...	415	Shoe Lifts ...	411	Wine Caps and Bottles ...	409
Coffee Pots† ...	404	Labels* ...	401	Skeletons ...	401		
Coffee Billy ...	405	Ladles† ...	401	Skinners ...	401		
Colanders ...	411			Soup Basins ...	401		
Combs ...	411			Soup Pots ...	412		
				Soup Plates ...	412		

* Prices on Application. † See Special Lists.

BRABY'S ALUMINIUM WARE.

ALUMINIUM.

ALUMINIUM is one of the lightest of metals, and in comparing its price with that of other metals, it is most important to take into account the great difference in bulk. For instance, for the purpose of comparison:—

A square foot of Copper, 20 W.G. weighs about 28 ozs
and " " Aluminium " " 8 "

Aluminium is nearly 3 times lighter than Iron, Tin, and Zinc.

" " 3½ " " Copper.
" " 4 " " Silver.
" " 4½ " " Lead.

Therefore in all cases where weight is of importance, the use of Aluminium possesses immense recommendation. Aluminium is very malleable and ductile, standing third in order of malleability (being exceeded only by gold and silver). It hardens during rolling, forging, stamping or drawing. Aluminium will neither rust nor tarnish. It takes a very fine polish, which is well retained. It can also be given a beautiful frosted or deoxidized surface, similar to silver. It is an excellent conductor of electricity. The melting point of Aluminium is about 1200° Far. Its specific heat is very high.

ALUMINIUM SHEET

Approximate Weights per square foot and other useful mems.

B.W.G.	Thickness in inches	Weight per sq. ft. lbs.	B.W.G.	Thickness in inches	Weight per sq. ft. lbs.
No.			No.		
46	0.04	0.437	17	0.56	5.15
37	0.15	0.699	16	0.6	5.11
44	0.07	0.75	15	0.72	5.10
33	0.08	1.114	14	0.88	5.17
32	0.09	1.260	13	1.02	5.22
31	0.10	1.402	12	1.10	5.24
30	0.12	1.578	11	1.21	5.27
29	0.13	1.730	10	1.34	5.27
28	0.14	1.8	9	1.44	5.31
27	0.16	2.422	8	1.75	5.26
26	0.18	2.612	7	1.90	5.25
25	0.20	2.806	6	2.13	5.21
24	0.22	3.150	5	2.2	5.19
23	0.25	3.222	4	2.38	5.21
22	0.28	3.571	3	2.9	5.1
21	0.32	4.33	2	3.4	5.1
20	0.36	4.90	1	4.2	5.1
19	0.42	5.65	0	5.40	5.25
18	0.48	6.234	00	5.80	5.26

The above capacity, finished sheet, can be cut to any size, and is available in the following thicknesses: 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.12, 0.15, 0.18, 0.20, 0.22, 0.25, 0.28, 0.32, 0.36, 0.42, 0.48, 0.56, 0.6, 0.72, 0.88, 1.02, 1.10, 1.21, 1.34, 1.44, 1.75, 1.90, 2.13, 2.2, 2.38, 2.9, 3.4, 4.2, 5.4, 5.8.

F. B. & Co. supply the following, for which orders are solicited:—

Pure Aluminium (for Iron and Steel Founders, &c.) Ingots. (98 to 99½ per cent. purity.) Castings.

" " Rods (Round) (Stock sizes, ½, ¾, 1, 1½, 2, 2½ and 3 in.).

" " Sheets (Stock sizes, 10-30 W.G., 7 ft. x 2 ft.)
(½ in. and ¾ in. plates, 4 ft. x 2 ft.).

" " Perforated Sheets.

" " Wire (Stock gauges, 1-30 W.G.).

" " Tubes (solid drawn, seamless) (Stock sizes, ½, ¾, 1, 1½, 2, 2½, 3, 3½, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 24, 28, 32, 36, 40, 48, 54, 60, 72, 84, 96, 108, 120, 144, 168, 192, 216, 240, 270, 300, 360, 420, 480, 540, 600, 660, 720, 780, 840, 900, 960, 1020, 1080, 1140, 1200, 1260, 1320, 1380, 1440, 1500, 1560, 1620, 1680, 1740, 1800, 1860, 1920, 1980, 2040, 2100, 2160, 2220, 2280, 2340, 2400, 2460, 2520, 2580, 2640, 2700, 2760, 2820, 2880, 2940, 3000, 3060, 3120, 3180, 3240, 3300, 3360, 3420, 3480, 3540, 3600, 3660, 3720, 3780, 3840, 3900, 3960, 4020, 4080, 4140, 4200, 4260, 4320, 4380, 4440, 4500, 4560, 4620, 4680, 4740, 4800, 4860, 4920, 4980, 5040, 5100, 5160, 5220, 5280, 5340, 5400, 5460, 5520, 5580, 5640, 5700, 5760, 5820, 5880, 5940, 6000, 6060, 6120, 6180, 6240, 6300, 6360, 6420, 6480, 6540, 6600, 6660, 6720, 6780, 6840, 6900, 6960, 7020, 7080, 7140, 7200, 7260, 7320, 7380, 7440, 7500, 7560, 7620, 7680, 7740, 7800, 7860, 7920, 7980, 8040, 8100, 8160, 8220, 8280, 8340, 8400, 8460, 8520, 8580, 8640, 8700, 8760, 8820, 8880, 8940, 9000, 9060, 9120, 9180, 9240, 9300, 9360, 9420, 9480, 9540, 9600, 9660, 9720, 9780, 9840, 9900, 9960, 10000).

" " " (lap-folded) (Sizes, ½, ¾, 1, 1½, 2, 2½, 3 & 4 in.).

" " Powder (for Printing, &c.).

" " Leaf (Stock size, 4 in. x 4 in.).

"SAMSON" ALUMINIUM SOLDER is the most successful extant, giving a strong, bright, clean, and lasting joint.

Aluminium, Braby's special hardened and strong light Alloys, in Ingots, Sheets, Wire, &c.; also Castings.

Special Sizes quoted for against specification.

The prices vary according to quantities and sizes.

PLATED ALUMINIUM.

We are now in a position to execute orders for Aluminium articles plated with Gold, Silver, Nickel or Copper.

Prices on application for—

Any articles in Aluminium

not included in this Catalogue.

NOTICE.—BRABY'S ALUMINIUM COOKING UTENSILS should be CLEANED INSIDE with warm water. If this is not sufficient, use ordinary silver sand, or "Monkey Brand" soap. Soda should NOT be used (unless very well diluted).

BRABY'S ALUMINIUM WARE.

POLISHED



LETTERS AND FIGURES.

FOR SHOP FRONTS, SIGNS, DEPARTMENTS, &c.

BRIGHT. ATTRACTIVE. INEXPENSIVE. LIGHT.
EFFECTIVE. DURABLE.

BRABY'S ALUMINIUM LETTERS are **four times** lighter than wooden letters, and do not split or warp. They are highly polished and retain their brilliancy much better than Copper, Brass, &c.: requiring no attention for indoor use. When they do become dull from long exposure to the atmosphere, they can be easily rubbed up bright again. The letters are very simply fixed by running nails through the small tags on them, and likewise removed at any time with facility; or can be affixed to glass with white lead.

Very effective if mounted on plush or painted boards.

Our Aluminium Letters only have to be known and tried, to be used in preference to all others.

* The block at the head of this page shows the style of our letters. *

PRICES—Letters and Figures.

	2 in.	3 in.	10 in.	Full Stops.
Polished Aluminium (Bright) ...	7 6	13 6	30/-	dos. 3/-
Gilt (best English Gold Leaf) ...	19/-	27/-	60/-	dos. 10/-

The above are stamped out of sheet metal.

Prices on application for CAST House Numbers, &c.

ALUMINIUM POLISH.

Braby's New "Eclipse" Metal Polish is far superior to any other for Aluminium, and the best for Silver, Brass, and any other metals.

* Gives a bright surface and good colour, with little labour. *

Price, 4d. and 6d. per box.

Owing to various enquiries we receive, and certain misapprehensions existing, we publish the following independent tests made by one of the best Analytical Chemists.

ACTION OF VARIOUS LIQUIDS AND SOLUTIONS ON ALUMINIUM, during a period of 28 days.

Experiments made by Messrs. Newlands Brothers, Analytical Chemists, of 27, Minning Lane, E.C., with Sheet Aluminium, 0.0159 inches thick, and weighing 97 grammes per square foot.

In all these experiments the sheets were immersed in the liquid named, and for the time specified, and were then carefully cleaned and re-weighed.

The experiments were made with carefully cleaned pieces of Aluminium of equal area, and the conditions were as nearly alike as possible.

The loss of weight is, for the sake of comparison, stated upon a square foot of surface.

Description of Liquids.	Lost in grammes in 28 days.
Distilled Water (boiling when added) ...	Nil.
Water supplied by Co. do. ...	0.0168
Tea, 1 per cent. infusion do. ...	0.0504
Coffee, 2 per cent. do. do. ...	0.1080
Cocoa, 2½ per cent. do. do. ...	0.0168
Salt, 2 per cent. solution ...	0.1680
Draught Ale ...	Nil.
Soft Soap (solution) ...	0.0336
Borax (solution) ...	0.0090
O. V. Oil ...	N.I.
Milk ...	0.0087
Golden Syrup ...	Nil.
Bottled Cyder ...	0.0990
Cognac (Brandy) ...	0.0286
Irish Whisky ...	0.0548
London Gin ...	Nil.
Claret ...	0.0329
Hock ...	0.0548
Aerated Water ...	Nil.
Carbonic Acid (1 per cent. solution) ...	0.1800

REMARKS. In the case of the Milk, Salt and Syrup, the sheets were slightly tarnished, and with Borax much tarnished.

Claret, Cognac and Whisky gave red and reddish brown deposits, and with Hock very slight pale deposits.

N.B.—Aluminium is absolutely innocuous.

BRABY'S ALUMINIUM WARE.

BRABY'S PURE ALUMINIUM COOKING UTENSILS.

- 1 THE STRONGEST. 2 THE LIGHTEST. 3. THE MOST CLEANLY. 4 THE MOST DURABLE 5. THE PUREST AND HEALTHIEST. 6 NO BUSTING OR CRACKING. 7 MADE WITHOUT SEAM OR SOLDER. 8. BRIGHTLY POLISHED AND BEST FINISHED. 9 ABSOLUTELY FREE FROM POISON OR TASTE 10. COOK QUICKLY WITHOUT BURNING OR SCORCHING. 11. NO TINNING OR ENAMELLING TO COME OFF. 12. ALTHOUGH FIRST COST MAY BE MORE THAN FOR OTHER VESSELS THEY ARE CHEAPER IN THE LONG RUN.

Extract from Prof. Richards' Comprehensive Work "ALUMINIUM," 3rd Edition (1896).

"The well-established advantages of **Aluminium Culinary Utensils** are:—

1. **NON-POISONOUS.**—This cannot be said of any other metal except the expensive and fragile enamel-lined vessels.
- 2.—**EASILY CLEANED.**—It is very seldom that anything turns fast or sticks to an Aluminium utensil. If such does happen a soaking in water removes it entirely.
- 3.—**NOT CORRODED.**—None of the acids found in foods have any perceptible corrosive action on Aluminium. Only use for three years, in every way, we left no sign of corrosion on a utensil in use at the writer's house. In weight, the metal has lost one quarter of an ounce, which would point to about a hundred years as the probable time it will take to wear out.
4. **DO NOT SCORCH.**—It is a singular fact that it is almost impossible to scorch even the most delicate foods in an Aluminium vessel. This is a well-attested fact, and is due to the great heat conductivity of Aluminium preventing a high local temperature at any one spot.
5. **COOK QUICKLY.**—Kettles and saucepans have their contents heated very quickly because of the great facility with which the metal conducts heat.
- 6.—**LIGHTNESS.**—Only one-third the weight of other utensils.
7. **DURABILITY.**—Do not corrode, and show very little wear outside; besides, there is nothing to crack off as in enamel ware; no coating to wear through as in tinned ware, and it will not crack like cast iron ware.

The utensils, if properly treated, are almost indestructible, and will wear almost indefinitely.

I have no hesitation in predicting, that when the general public have proved by actual experience the merits of these utensils, they will displace all other kinds in the kitchens of all, except the poorest classes."

Report from Messrs NEWLANDS BROS., Analytical and Consulting Chemists, Fellows of the Chemical Society, and of the Institute of Chemistry, Members of the Society of Public Analysts, 27, Minning Lane, E.C., March 11th. 1895.

"To Messrs. F. BRABY & Co.,

Dear Sirs,—We have practically experimented with the following articles made of Aluminium, supplied by your Company, viz:—Spoons, Fork, Plate, Drinking Cup, Frying Pan, Stew Pan, &c.

These have been kept in constant domestic use side by side with similar articles of the ordinary kind, and subjected to the wear and tear of the ordinary operations of cooking and cleaning.

There was no loss of weight, and with a lesser time it was of every man's pot and character. It is evident, therefore, as regards durability, that the Aluminium ware will stand far more than the ordinary domestic purposes.

They also present the following other advantages, viz:—They are not liable to rust, corrosion, or contamination food. They are more easily kept clean than either metal vessels, and their white colour affords an index of cleanliness. From a culinary point of view they have nothing to be desired.—Yours faithfully, NEWLANDS BROS."

BRABY'S ALUMINIUM WARE.

BRABY'S ALUMINIUM COOKING UTENSILS.

BRITISH MAKE.

STRONG, LIGHT,

SEAMLESS, POLISHED.

HEALTHY. CLEANLY. DURABLE.
NO LEAD POISON. UNBREAKABLE.
NO COPPER CONTAMINATION. NO RE-TINNING.



ECLIPSE BRAND

REGISTERED TRADE MARK.

NO RUST OR CORROSION
"Absolutely Free from Poison."
"The Perfection of Cooking Utensils."

WE draw special attention to the fact that these utensils are all of our best London make and finish, and super in every way to lighter makes now being put on the market. Our utensils are of pure Aluminium and highly polished throughout. They are without seam or solder: each vessel being made from a single piece of metal.

Owing to the remarkable property Aluminium possesses of retaining heat (viz., non-radiating it), these utensils cook quicker than those made of other metals, thus economising fuel, and yet do not scorch or burn the food.

SOLID METAL THROUGHOUT. SAVE THE CONSTANT EXPENSE OF RE-TINNING.

N.B.—Our Vessels are all full size and the contents are given from actual tests

No. 20. STRONG ALUMINIUM STEW PANS AND COVERS.



Diameter	4	4½	5	5½	6	6½	7	7½	8	9	10	11	12	14	16 in.
Depth ...	2½	3½	3½	3½	4½	4½	4½	4½	5	5½	5½	6	6	6½	6½ in.
Capacity	1	1½	2	2½	3½	4½	5	6	7	10	12½	16	19	28	39 pints.
16 W.G.	3/6	4/-	4/6	5/3	6	6/9	7/6	8/-	8/9	11/-	...	...	...	...	...
14 W.G.	...	...	...	...	...	...	...	10/6	12/9	14/6	20/9	...	...	...	...
12 W.G.	...	...	...	...	...	...	...	...	...	...	...	...	...	20/3	29/-

Extra front handle included.

No. 61. SKILLETS (Polished)



Diam.	5	5½	6	6½ in. x 16 W.G.
Capacity	1½	2	2½	3 pints.
	2/9	3/-	3/9	4/- each.

No. 24. STRONG SAUCEPANS & COVERS (polished), with

Tinned Iron Socket Handles.

Diam.	5	6	7	8	9	10	12	14	16 in.
Capacity	2	3½	5	7	10	12½	19	29	39 pints.
B.W.G. 16	16	16	16	14	14	13	12	12	
	3/3	6/6	7/9	9/6	13/3	16/9	28/-	32/-	41/- each.

With extra front handle.

These Saucepans can also be made to order in other sizes at proportionate prices.



BRABY'S ALUMINIUM WARE.

No. 25. BELLIED SAUCEPANS AND COVERS, with Tinned Iron Socket Handles.

"London" Pattern.



6in.	7in.	8in.	9in.
2½	4	6	8½ pints.
16	16	14	14 W.G.
5/9	7/-	8/3	9/6 each.

The above sizes are *lag to brim*, as usual with Copper Vessels.

No. 28 MILK BOILERS or Sugar Ladders with large lig.



5in.	6in.	7in.	8in.	Diam.
3in.	4in.	4½in.	5in.	Depth.
Capacity	2	3	5	7 pints.
4/-	5/-	6/-	7/3	each.



OUTLET or SAUTE PANS,

	6in.	7in.	8in.	9in.	10in.	11in.	12in.	Diam.
No. 29	3/6	4/-	—	—	—	—	—	each × 16 W.G.
No. 30	—	—	—	6/-	7/-	8/-	9/6	each × 14 W.G.

FRYING PANS.



If with Folding Handles, 3d. each extra.
Detachable Handles, 6d. each extra.

	6	7	8	9	10	11	12	14in. dia.	× 1½in. deep
No. 1	—	—	—	—	—	—	—	11/-	each × 12 W.G.
No. 2	3/6	4/-	4/9	5/6	6/3	7/3	—	—	each × 14 W.G.

OMELETTE PANS, or light Fry Pans.

	6	7	8	9	10in. × 1½in.
No. 3.	3/6	3/-	3/6	4/-	5/3 each.

No. 32. VEGETABLE STEWPANS, WITH COVERS.

Diam.	7in.	8in.	9in.
Capacity	3	4	6 pints.
	7	8/3	9/2 each.



DOUBLE MILK BOILERS or Rice Boilers.



No scorching or boiling over.
The most perfect saucepan for porridge.

	6	7	8	9in. Diam.
Capacity of Inner Saucepan	2	3½	5	6½ pints.
	11/-	13	15/	17/9 each.

Outer Saucepan may be used separately.

SUPERIOR STRONG PRESERVING PANS.



Full flavour of the fruit retained.

No Tinning or Verdigris to come off.

No discolouring of the fruit.

	10in.	12in.	14in.	16in.	18in. diam.
	3½in.	4in.	5in.	5½in.	6in. deep.
Capacity	7	12	20	28	40 pints.
Strength	16	16	14	14	14 W.G.
With Bronze Handles	18/6	16/9	21	25	32/6 each.
" Tinned Iron	11	14/6	17/9	21/-	26/6 ..

ANY OTHER SIZES MADE TO ORDER.

BRABY'S ALUMINIUM WARE.

No. 33. SUPERIOR STRONG STOCK OR SOUP POTS AND COVERS



	8in.	9in.	10in.	11in.	12in.	14in.	16in. diam.
Capacity	1½	2	3	4	5	8	12 gals.
Strength	14	14	19	19	12	12	10 W.G.
	19/6	25/-	31/6	37/6	44/-	62/-	116/- each.
Brass Tap & Strainer	10/-	10	11/-	11	11	15	15 each extra.

STRONG ALUMINIUM BAIN MARIE PANS, with Drainers complete, and pure Nickel fail Handles (Polished throughout).

Size 14 x 11 in. (to hold 7 vessels)	...	...	26/8 each.
.. 16 x 12½ in. (" 9 " )	...	...	31/8 "
.. 18 x 12½ in. (" 11 " )	...	...	43/6 "

TEA URNS



WITH REMOVABLE LID, ALUMINUM COVER, STRAINER AND BRASS TAP.
Can be made any size.

No. 33. BAIN MARIE SOUP POTS AND COVERS



Diam.	5½ in.	6in.	7in.
Depth	5½ in.	6in.	7in.
	7/6	8	9/8 each x 16 W.G.

No. 34. BAIN MARIE GLAZE POTS. Linings and Covers

Diam.	5½ in.	4in.	4½ in.
Depth	4in.	4½ in.	5in.
	7/9	9/9	10/8 each x 16 W.G.

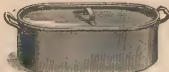


No. 31a. FISH KETTLES,

WITH TINNED IRON DRAINERS AND COVERS.

Light make. Wired edge.

14	16	18 in.
24/6	30/6	40/6 each.



No. 32a. FISH FRYERS, WITH TINNED WIRE DRAINERS.

14	16	18 in.
20/3	25/3	30/6 each.

No. 35. BAIN MARIE STEW PANS AND COVERS

Diam.	3in.	3½ in.	5in.	4½ in.	5in.
Depth	3in.	3½ in.	5in.	4½ in.	5in.
	3/9	4/-	4/9	5/6	6/- each x 16 W.G.



No. 36. STRONG MASLIN (or Preserving) KETTLES (deep).

Diam.	11in.	12in.	13in. x 14 W.G.
Depth	6in.	6½ in.	7in.
Capacity	6½	8½	11½ qts. as
	12/6	13/9	16/6 each.

ALUMINIUM STEAMERS, with covers and perforated Aluminium bases 1 ft. dia.

6in.	7in.	8in. diam. Saucepans.
6/6	8/3	10/6 each.



COOKS' LADLES	...	...	3 each.
.. SKIMMERS (perforated)	...	...	3/0 ..

BRABY'S ALUMINIUM WARE.

No. 21. STRONG CAMP SAUCEPANS & COVERS (polished).

Made to nest (any number).



Diam.	4½	5	5½	6	6½	7	7½	8	9	10 in.
Depth	2½	3	3½	4	4½	5	5½	6	6½	7 "
Capacity	1	1½	2½	3	4	5½	7	8½	11	15½ pints.
B.W.G.	16	16	16	16	16	16	16	16	14	14
	4/-	4/9	5/6	6/-	6/9	7/3	8/9	9/9	12/9	15/6 each.

Detachable Aluminium-Bronze Handles, 6 in. long, 1/1; 10 in. long, 1/6 each *extra*.

The set of 9—4½ in. to 9 in. (including 3 handles) 68/6; the set of 10 (including 4 handles) 85/-.

No. 22. STRONG COMBINATION CAMP SAUCEPAN, with Fry Pan as Lid (polished).



Diam.	4½	5	5½	6	6½	7	7½	8	9	10	12 in.
Capacity	1	1½	2½	3	4	5½	7	8½	11	15½	pints.
B.W.G.	1C	16	16	16	16	16	16	16	14	14	
	1/9	5/9	6/6	7/-	8/-	8/9	10/-	11/-	12/6	16/-	21 each.

Aluminium-Bronze Handles, made to fit Saucepan and Fry Pan.

6 in. long, 1/1; 10 in. long, 1/6 each *extra*.*The above are all polished inside and out. A reduction can be made if sand-paper finish, but only stocked polished.*

SPECIAL LIGHT MAKE FOR EXPORT

N.B.—These are polished throughout, and we cannot enter orders for less than 1 doz. of a size at these reduced rates.

No. 0. SAUCEPANS, and Covers with Socket Handles.



Diam.	6	7	8	9	10 in.
About	2½	4½	6½	8	13 pints.
	4/9	5/9	7/-	8/6	10/- each.

No. 5. SAUCEPANS WITH LIP, COVERS, and Socket Handles.



Diam.	5	5½	6½	7	8 in.
About	2	1½	2½	4	5½ pints.
	2/9	3/6	1/0	5/0	6/6 each.

We can also supply above with Side Handles, viz. No. 1 Hot Pots (as No. 0), and No. 4 Saucepans (as No. 5), at 4/- doz. *extra*, but do not stock.

BRABY'S ALUMINIUM WARE.

No. 60. STRONG DEGCHIES or INDIAN COOKING POTS, with Strong Plates as Lids (deep pattern).

Diam.	7	8	9	10	11	12 in.
Depth	5½	6	6½	7	7½	8
Strength	16	16	16	14	14	14 B.W.G.
Capacity	3	4	5	7	10	11 quarts.
	6/6	7/9	8/3	12/8	15/9	19 each.

The nest of 6 Degchies and Lids, 68/6 Weight, 12 lbs. 14 ozs.



No. 60

No. 61. STRONG DEGCHIES and Lids (as above, but shallower).

Diam.	6	6½	7	8	9	10 in.
Strength	16	16	16	16	16	14 B.W.G.
Capacity	3½	4½	5½	7½	9½	12½ pints.
	4/5	4/9	5/6	6/9	8/3	10/6 each.

The nest of 6 Degchies and Lids, 40.- Weight 7 lbs.

No. 65. STRONG DEGCHIES and Lids.

Diam.	7	8	9	10	11	12	13
Depth	3½	4	4½	5	5½	6	7
Strength	16	16	16	14	14	14	14 B.W.G.
	6/-	7/8	8/8	10/6	14/3	18	23/3 each.

The nest of 7 Degchies and Lids, 87/- Weight

No. 66. DEGCHIES (with dome base) and Lids (Light make).

Diam.	6	7	8	9	10	11 in.
Depth	3	3½	4	4½	5	6
	3/9	4/6	6/3	7/6	9/-	11.- each.

The nest of 6 Degchies and Lids, 41/3 Weight 5 lbs. 14 ozs.

All the above Degchies are sand-paper finish and not polished.

No. 62. STRONG INDIAN CHATTIES or
DEGCHIES, with Plate Cover, 8 in.

To Native Pattern.

Holds 6 pints. Polished.
14 W.G. 10/9 each.



No. 62

No. 63 STRONG INDIAN LOTAS.

To Native Pattern.

Polished. Holds about ½ pint.
30/- dozen.



No. 63

Prices for other sizes on application; also for Rice Bowls and other Indian Vessels, &c.

BRABY'S ALUMINIUM WARE.

ALUMINIUM BUCKET CANTEENS.

No. 2 (as illustrated) for 2 persons.

Includes—OUTSIDE BUCKET, viz

SAUCEPAN (14 W.G.) and domed cover 3 quarts 7
10in. diam. x 8in. deep (9in. with cover.)

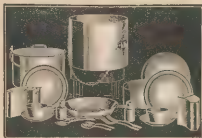
FRY PAN (14 W.G.) 9in., with folding handle.

MEAT DISH, BUCKET 9in., with bail handle and
lid.TEA and SUGAR BOXES, 2 each Soup Plates,
small and large Spoons, KNIVES, Forks, Tea
Cups and Saucers and Condiment Bottles,
and 1 Iron Fire Stand.

TOTAL WEIGHT 9 LBS. 12 OZS.

PRICE £3 9s. complete.

Other fittings may be included extra.



Either Drop Handles or Attachments for a Strap
are fitted to Bucket as preferred.
Also Brass Hooks and Aluminium Clais, as
shown.

No. 51 CANTEN. Consists of a *strong* Bucket, *Saucepan* and *Drop handles*, 12 in. deep x 10 in. diam. x 16 W.G. and 1 *big* 8 in. deep
deep Fry Pan (8 in.), with folding handle and ring, 2 *Saucepans* (7½ x 10 in. and 7 in. x 5 in. with rings), and tripod stand,
£2 14s 9d. complete.

No. 64. STRONG MESS TINS (polished).



With Strong folding wire handle, covered attachment
for a strap, size 7 x 3 in. (closed) 6 6 each

STRONG CAMP KETTLES OR GUINEA PANS
(Polished).

	11in.	12in.	13in.
About	6½	8½	11½ quarts.
	12,6	13,9	16,6 each.

Other sizes made to order.

CAMP TEA POTS OR KETTLES (Polished) with Spout to
screw off, and Drop Handles (about 2½ pints) ... 10/- each.
Also fitted with Tea and Sugar Boxes to nest therein, extra.



No. 3 (for 3 persons) includes—

OUTSIDE BUCKET (SAUCEPAN) 11in.
diam. x 11in. deep, and Cover (3in. deep),
another to nest in above 9in. diam. x 6in.
deep; 1 Saucepan, 9in. diam., with
drop side handles and cover; 1 Fry
Pan, 9in., with folding handle; 4 Con-
diment Boxes, 2 Condiment Bottles, 2
Meat Dishes, 3 Soup Plates, 3 Cups and
Saucers, 3 Teaspoons, 3 larger Spoons
and Forks, 3 Knives, 1 Tea Infuser, and
1 Iron Fire Stand.

TOTAL WEIGHT 12 LBS. 7 OZS.

PRICE £5 complete.

Will also hold a Kettle, &c.

Wire Grid extra.

No. 5c. CAVALRY CANTEENS (polished).



With folding handle and cover,
plate, 2 provision cases and
triple condiment box, and
attachments for strap, size
6½ x 3in. (closed)... 20/- each.
Will hold Picnic Knife, Fork and
Spoon (vide p. 415).

STRONG COFFEE BILLY & CUP (polished).

Billy holds about 1½ pint, and Cup 1 pint.

8,9 complete.



CANTEENS AND CAMP UTENSILS OF ALL KINDS MADE TO ORDER.

BRABY'S ALUMINIUM WARE.

THE "ETNA" SPIRIT LAMP, STAND AND KETTLE.

With Folding Handles and Cover (5 pieces).

All fit into the Kettle }
Improved make and finish } No. 1, 6 6 each, complete.
Larger size No. 2, 8/- " "

TEA INFUSERS AND CHAIN,

12/- per doz.*



FIVE O'CLOCK TEA KETTLE.

No. 301. Cast solid without seam of any kind.



With stand and lamp complete.	Tea Kettle only without stand or lamp.
1½ Pints ... 28/9	18/6 each.
2½ " ... 26/-	15/3 "
3 " ... 28/3	17 " "

The stand is cast Aluminium, highly polished, and equipped with latest improved Asbestos lamp.

LARGE STOVE TEA KETTLES.

No. 313. Cast solid and seamless. The lightest and strongest Kettle made. No boiling over or leaking.

No. 6 (holds 6 pints)	15/6 each.
" 7 (" 8 ")	18/ "
" 8 (" 10 ")	20/6 "
" 9 (" 12 ")	22/6 "

With flat or pit bottom.

No. 302. TEA POT (with Perforated Strainer). All cast solid and seamless.

1½ pints ...	13/6 each.
2½ " ...	15/3 "
3 " ...	17/- "



MILK JUGS.

From 22/6 per doz.

SUGAR BASINS ... 42/- per doz.

BASINS (Washband) Polished.

14 in. ... 9/3 each.

SOUP BASINS, Polished.

7 in. ... 40/- per doz.†

HAND BOWLS (with wooden handles).

10 in. ... 6/- each.

COLANDERS (Perforated) Strong.

9	10	11 in.
30/6	33/9	38/- per doz.†



PIE DISHES (Oval).

10 in. ...	18/6 per doz.*
12 in. ...	21/9 " " *

ALUMINIUM BAKING PANS, CAKE TINS, PUDDING PANS, &c.



For solid CAST Saucepans, Frying Pans, &c., &c., see opposite 1st.

Special for Hotel and Ship's use.

Our extra strong HAND HAMMERED vessels, &c., hammered up seamless by hand out of thick metal (the strongest make possible) are recommended for rough usage. They are stronger and lighter than cast Aluminium, and fully equal in strength and quality to Copper Brazing.

Prices on application for other Utensils of Aluminium made up by hand and close hammered.

Prices on application for Aluminium Kitchen Utensils of every description made to order.

All our utensils are best London make, and with the many advantages Aluminium possesses over Copper, and being cheaper at these greatly reduced prices, our pure Aluminium Cooking Utensils should now replace all others. See pages 2, 7, & 10.

* For not less than 1 doz.

† For not less than ½ doz.

BRABY'S ALUMINIUM WARE.

ALUMINIUM PICNIC BASKETS.

LIGHT.

COMPACT.

DURABLE.

SUPERIOR.

SELECT.

More complete than other Baskets, but only about one-third the weight.

THE FITTINGS (excepting the knives, which are the best Sheffield cutlery) are made of pure ALUMINIUM, of extra strength and best finish throughout. They are highly polished, bright, strong, light and cleanly, and do not tarnish like silver and plated goods. Being made of pure Aluminium they are unbreakable, and there is no enamel or tin or plating to wear off; also they are absolutely free from poison.

ALUMINIUM LUNCHEON BASKETS.



No. 2.

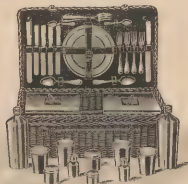
For 2 persons, comprises large polished Aluminium Provision Box, 1½ pint Bottle, 2 Tumblers, 2 Plates, 2 Round Bowls, 2 Condiment Bottles, 2 Forks, 2 large Spoons, 1 Mustard or Salt Spoon, and 2 best Sheffield Steel Knives.

Size: 14 in. x 12 in. x 8 in. deep.

Weight only 3½ lbs.

PRICE COMPLETE 40/-

EXTRA FITTINGS AS REQUIRED.



No. 4.

For 4 persons, comprises 2 large polished Aluminium Provision Boxes, 2 1½ pint Bottles, 1 Tumbler, 4 Plates, 4 small Round Bowls, 2 Condiment Bottles, 2 large and 2 small Spoons, 1 large and 4 small Forks, and 2 large and 4 small best Sheffield Steel Knives.

Size: 22 in. x 13½ in. x 7½ in. deep.

Weight only 10½ lbs.

PRICE COMPLETE 68/-

BASKETS MADE AND FITTED TO ORDER.

BRABY'S ALUMINIUM WARE.

THE ALUMINIUM TEA BASKET.

For 2 persons, comprises Polished Aluminium Kettle (made for carrying water, with screw lid and screw cap to spout), Metal Spirit Lamp and Stand, Tea Infuser, Aluminium Milk Flask, 2 Tea Cups and Saucers (with oiled handles), 2 Tea Spoons, 2 Steel Knives, 2 Plates, 2 Provision Boxes, and Butter Box (in wicker case).



No 7.

WITH LEATHER CARRYING STRAP.

Size: 13 in. x 8½ in. x 10 in. deep.

Total Weight only 6½ lbs.

PRICE COMPLETE 82 -

ALUMINIUM CAMP, RIVER OR YACHT BASKETS.

COMBINED FOR COOKING, LUNCHEON AND TEA

No. 3.—For 2 persons, comprises Polished Aluminium Mess Tin (No. 64), Frying Pan (8 in.), large Provision Box, 2 small Boxes, triple Condiment Case, Biscuit Box, Butter Box, 2 Tumblers, 2 Plates, 2 Tea Cups and Saucers, Kettle with Spirit Lamp and Stand (vide Tea Basket), Tea Infuser, Milk Flask, Water Bottle (1½ pint), 2 Knives, Desert Forks and Spoons, 2 Tea Spoons and 2 Egg Spoons.

Size: 24½ in. x 16½ in. x 8 in.

Total Weight—15 lbs.

PRICE COMPLETE £5 5 0

No. 5.—For 4 persons, comprises Aluminium Camp Saucepan (8 in.) with Frypan as lid, Brass "Primus" Lamp and Stand, 2 large Provision Boxes, 2 small Boxes, triple Condiment Case, 2 Blended Boxes, large Butter Box, 1 pint Bottle, 4 Tumblers, 4 Plates, 4 Tea Cups and Saucers, Seamless Kettle, Tea Infuser, 4 Knives, Desert Forks and Spoons, 4 Tea Spoons, 4 Egg Spoons, Milk Flask, and 2 Water Bottles (1½ pint).

Size: 20 in. x 19 in. x 12 in.

Total Weight—23½ lbs.

PRICE COMPLETE £7 10 0

BRABY'S ALUMINIUM WARE.

THE ALUMINIUM CYCLISTS' TEA CASE.

The above consists of a Strong Case of Waterproof Canvas, Tea with green Cloth, lined with a Lock and Key, and provided with 3 Straps for affixing to the Handle Bar of a Bicycle, containing a Complete Set of Utensils for making Tea for two persons and Folding Light Provisions—all made to fit compactly without rattling. The following are the Articles, all made of brightly polished Aluminium:—

"Eum" Lamp, Stand, and Kettle; four parts all made to nest inside the Kettle; Tea Infuser with Chain, Biscuit or Sandwich Box (about 5in. by 8 $\frac{1}{2}$ in. by 2 $\frac{1}{2}$ in. deep), Tea and Sugar Boxes, Water Bottle, Milk Plask, Spirit Bottle, 2 Tea Cups made to nests and 2 Tea Spoons



Total Weight—about 2 $\frac{1}{2}$ lbs.

Size—10 $\frac{1}{2}$ in. x 7 $\frac{1}{2}$ in. x 5in.

PRICE COMPLETE, 40

ALUMINIUM CYCLISTS' COMPANIONS.

These strong Cases are made of "Pantozote" Leather that affords any amount of cold, sun, or rain, with partitions lined with Green Baize, Lock and Key, and 3 Straps to attach to Handle Bar.

No 1 Contains—

No 61 Sandwich Box $\frac{1}{2}$ of Polishd
" 62 Flask and Cup } ALUMINIUM

Total Weight—12 oss.

Size 4 $\frac{1}{2}$ in. x 5, 0. x 3 $\frac{1}{2}$ in

PRICE, 12.8.



No. 2 Contains—

No 62 Sandwich Box $\frac{1}{2}$ of Polishd
" 7 Flask and Cup $\frac{1}{2}$ ALUMINIUM.

Total Weight—14 oss.

Size—7 $\frac{1}{2}$ in. x 6 $\frac{1}{2}$ in x 2 $\frac{1}{2}$ in.

PRICE, 14/-



No. 3 LUNCHEON CASE contains No 62 Sandwich Box, No 7 Flask, 2 Drinking Cups, 2 Plates, and 2 Picnic Knives, Plates and Spoons (combined) in Leather Cases.

Total Weight—2 $\frac{1}{2}$ lbs.

Size—6 $\frac{1}{2}$ in. x 4 $\frac{1}{2}$ in. x 7 $\frac{1}{2}$ in.

PRICE, 28/-

BRABY'S ALUMINIUM WARE.

THE "SPORTSMAN'S" ALUMINIUM CANTEEN.



Superior brown Leather Holster with Shoulder Strap, containing 3 large Polished Aluminium Peg Tumblers, and 1 polished Aluminium Bottle with Screw Top (holding about 1 pint). All made to nest closely. Total weight complete, 2½ lbs.

PRICE, 35/- Complete.

Ditto, with only Two Cups, 25/-.

Cut Glass Bottles with hinged Top may be had in place of the Aluminium Bottle, but at extra cost.

SMALLER "SPORTSMAN'S" CANTEEN

Similar make of holster, Aluminium flask, and 3 cups, largest cup holds 1 pint.

PRICE, COMPLETE, 25/-.

LARGE PEG TUMBLERS. (Polished), STRONG MAKE (largest holds 1½ pints; size 6½ in. x 3½ in. x 2½ in.) 12/6 the set of 3, to nest.

DRINKING CUPS or TUMBLERS (Polished throughout).

Light and Portable. STRONG MAKE.

½ pint.	¾ pint.	1 pint.
17,3	19,6	24,9 per dozen.*

NEST OF CUPS (made to fit closely)

Set of 2 (1 pt. and 1 slightly smaller) ... 4,9

" 3 (1 " " 2 " ") ... 6,9

" 4 (1 pt. to ¾ pt.) ... 8,3

" 7 Small. Cups (with lid to water one) 10,6

" 1 pt. and ¾ pt. and Combination Double

Wine Cup, 6/- per set.

COMBINATION WINE CUPS (Reversible).

Champagne and Peg Measure, 3/- each.†

LIGHT DRINKING CUPS (Polished throughout).

No. 5. Hold 1½ gills (in nests of 1 doz.) ... 13,6 per doz.*

LIGHT COLLAPSIBLE CUPS (Frosted) including cases.

No. 1, ½ pint	...	21/6 per doz.*
" 2	...	13,6 " "



TEA CUPS & SAUCERS (Polished throughout).

No. 202. Strong make ... 28/- per doz.†

Lighter " ... 18,9 " "

COFFEE CUPS & SAUCERS (Polished throughout)

No. 203. Strong make ... 31,9 per doz.†

Lighter " ... 23,9 " "

STRONG ALUMINIUM TANKARDS (Polished throughout).

1 pint. ½ pint.

No. 3. 4/- 3/- each (with Sheet Handle).

" 4. 4/6 " " (with Cast Handle).

BRABY'S " 50. 6,6 5,3 " " " "

SPIRIT MEASURES.

½ gill. 18 - 16/- per doz.*

No. 30.

FLASKS (polished), of ALUMINIUM THROUGHOUT (without seam of any kind) and with Aluminium Stoppers to screw on.

No. 1 To hold about ½ pint	28,0 doz.†
2 " " " "	30,0 " †
3 " " " "	37/5 " †
5 New shape ...	28,0 " †
6 " " " "	30,0 " †
6a " " with Caps	54,0 " "
7 " " ½ pint	44,0 " "
7. " " with Caps	68,8 " "
8 " " 2½ gills	46,0 " "
8a " " with Caps	72,3 " "



No. 6a.

For action of Wines, Spirits, &c., see Tests (page 457).

ALUMINIUM BOTTLES (for Water, Wine, &c.)

Seamless, fitted with Corks and Aluminium Screw Caps,

About 1 pint 3,3 each.

" 1½ pints 4/- "



OVAL ARMY DRINKING CUPS.

With Wire Folding Handles.

No. 18 about ½ pint 12/- per doz.*



* For not less than 1 dozen

† For not less than ½ dozen

BRABY'S ALUMINIUM WARE.

ALUMINIUM SEAMLESS BOXES of various sizes, from 46 per doz.
For Condiments, powders, &c.

No. 113. $2\frac{1}{2} \times 1\frac{1}{2}$ in. 6½ doz.*
No. 114. Fancy Box, 12 - doz.*
No. 105. 12 - doz.*
Set of 4 Boxes (to hold 1½ x 1½ in. 2½ x 2½ ... 46*



(Polished.)

(Protr. l & ch. esp.)

ROUND BOXES (Polished) for Colours, &c., with Ring Handles.
No. 118.—6½ x 3 in. No. 119.—4½ x 2½ in., and other sizes.

SQUARE BOXES of various sizes stocked in 1 made to order.



No. 86. BOXES (polished),
 $4\frac{1}{2} \times 2\frac{1}{2}$ in. ... 27 per doz.*
For Sponges or other purposes.



No. 86

SOAP CASES (Polished), 32 p. doz.*

BRABY'S ALUMINIUM SPONGE BOX (Polished).

Patented. No. 270264.

IMPROVED PATTENT. The most perfect made.

No. 85 Size 5½ in x 5 in x 3½ in deep, to hold large sponge ... 5 each.

These Sponge Boxes are absolutely airtight and yet allow of ventilation to the sponge, thus keeping it fresh. The inside lining is removable.



No. 85.

VIVIAN'S PATENT SPONGE CASES

No. 1. 4¼ in. x 2¼ in., weight only 3½ oz., 51 - doz.*

No. 2 3½ in x 2 in. (to hold large bath sponge), 93 - per doz.*



CIGAR BOXES (frosted). *8 sang make.*

With hinged lid.

Cedar lined (Cigar painted on lid).

To hold 100 ... 14/6 each.



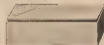
No. 5.



CIGARETTE BOXES (frosted).

With hinged lid, but not lined.

No. 4. To hold 100
8/3.



No. 5. Smaller, 5/3

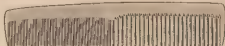
No. 4

SHOE LIFTS (chased and frosted) *10 in 5 6 doz.**



No. 81 **STRONG ALUMINIUM KEY CHAINS** Also Spatman's Knife Chains, with Leather Tab, and Swiss complete, 12/- per doz.* (Weight about ½ oz.)

ALUMINIUM CHAIN. An excellent article, being exceedingly light and yet strong. Specially suitable for suspending keys, &c., 1/8 per yard.



CLEANLY, DURABLE, UNBREAKABLE.

COMBS (Polished). *Special strong make. Fine comb.*

No. 1	Dressing Comb, 7½ x 1½ in. as illustrated	... 22/6 per doz.*
1a	" " " (all large teeth)	... 22/6 " "
2	" " " 7½ x 1 in.	... 18/0 " "
2a	" " " (all large teeth)	... 18/0 " "
3	Pocket Comb, 4 x 1½ in. (in case)	... 13/6 " "
4	" " 3½ x 3 in.	... 11/6 " "
5	Tooth " 3½ x 1½ in.	... 18/0 " "

Combs of other patterns and sizes made but not stocked.

Prices on application for Chemists' and Druggists' Sundries.

SPITTOONS, EVAPORATING DISHES, PUS BASINS, SURGICAL INSTRUMENT AND MEDICINE CASES, &c.

* For not less than 1 dozen.

† For not less than 4 dozens.

BRABY'S ALUMINIUM WARE.

ALUMINIUM DISH COVERS (Highly Polished throughout).



The "CANNON" (deep pattern).

EXTRA STRONG (18 W.G.)

With best electro-plate handles

10in. 12in. 14in. 16in. 18in.

12- 14/6 18/3 21/6 26/- each.

The Set of 5, 10in. to 18in., 2/3

(Stronger make than formerly.)



No. 11

ENTRÉE or VEGETABLE DISH and COVER

(Polished).

No. 112. 9in. .. 8/3 each.

113 .. (with two divisions) 12/- ..



No. 112

BUTTER DISHES. Prices on application.

DESSERT DISHES. " "

HOT WATER JUGS. " "



JARDINIERES or FERN and FLOWER VASES.

No. 57. Frosted, with fluted edge, 3 in. 8/- per doz.*

Do. do. 3 1/2 in. 12/- .. *

Do. do. 5 in. 21/3 .. †

No. 58. Do. do. .. †

and fluted sides 3 in. 25/6 .. †

Other designs of Jardinieres made.

For our new POLISH for Aluminium, see page 397.

OVAL MEAT DISHES. (Polished.)



10 12 14 16 in.

23 36 49 6/- each.

ROUND PLATES (Polished). 6in. 7in. 8in. 9in. 10in.



Ordinary 9/6 10/9 12/9 17/- 20/9 per doz.*

Soup 10/- 11/3 14/3 17/6 21/8 .. *

These plates are now of stronger make, but can be made of still thicker metal at extra cost.

HOT WATER PLATES. 9in. 6/- 10in. 6/6 each.

FUNNELS.

(Polished).



No. 1 (with handle)

2 1/2 in. dia. x 2 1/2 in. orifice 13/9

1 1/2 " x 1 1/2 " " 17/0

2 For Wine, &c. ... 3 1/2 " x 1 1/2 " " 24/0

2a " (with strainer) ... 3 1/2 " x 1 1/2 " " 28/6

4 " filling Finials, Medicine bottles, &c. 1 1/2 " x 1 1/2 " " 7/6*

5 " Wine, &c. (with 2 strainers) 3 1/2 " x 1 1/2 " " 45/0

No. 11. CANDLESTICKS (Polished). Round, with Handle, 27/- doz.

ALUMINIUM BULL RINGS (superceding Copper and Brass).

2 1/2 2 3/4 3 in.

15 18 19/6 per doz.*



* For not less than 1 dozen.

† For not less than 1 dozen.

BRABY'S ALUMINIUM WARE.

ALUMINIUM CIGAR CASES, &c.



Section (closed).



No. 42.

This make is much stronger and superior in finish to others

The frames are of polished nickel. The smooth black enamelled surface will stand any wear and tear, and is bright and attractive.

The various sizes can be supplied of polished or frosted Aluminium with plain surface at same prices, but not stocked.

CIGAR CASES.

No. 42. Flat, ribbed and polished
72 0 per doz.

No. 42E. Curved and enamelled
black, 72 0 per doz.

CIGARETTE CASES.

No. 43. ($3\frac{1}{2} \times 2\frac{1}{2}$ in.) "Bale
at Goods," frosted,
86 0 per doz.†

No. 43E. ($3\frac{1}{2} \times 2\frac{1}{2}$ in.) em-
bossed and frosted,
45 0 per doz.†

No. 48E. ($3\frac{1}{2} \times 2\frac{1}{2}$ in.) flat
enamelled black,
86 0 per doz.†



No. 43.



No. 43E.

FOR CIGAR BOXES, SEE PAGE 411.

* For not less than 1 dozen.



CIGARETTE CASES.

No. 430E. ($3\frac{1}{2} \times 2\frac{1}{2}$ in.) flat enamelled
black, 15 0 per doz.†

No. 44. ($3\frac{1}{2} \times 2\frac{1}{2}$ in.) curved for
pocket, Ribbed
(polished), 48 0 per doz.

No. 44E. ($3\frac{1}{2} \times 2\frac{1}{2}$ in.) curved, plain
polished, 48 0 per doz.†

No. 44E. ($3\frac{1}{2} \times 2\frac{1}{2}$ in.) curved,
enamelled black,
48 0 per doz.†

No. 440E. ($3\frac{1}{2} \times 2\frac{1}{2}$ in.) flat, enamelled
black, 48 0 per doz.†

MATCH CASES.

No. 45. "Bale of Goods," as No. 43 (or
Ribbed as No. 1 Purse), 24 3 per doz.*

No. 45E. Plain enamelled black,
24 3 per doz.*

No. 46. Larger. Ribbed (for Tandaticor
matches), 34 0 per doz.†

VESTA BOXES.

No. 47 Ribbed or plain, 24 3 per doz.*



No. 45.



No. 47.



Nos. 45 & 46.



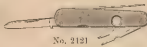
No. 47.

PURSES. Ribbed and polished.

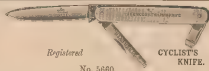
No. 1	...	...	87 6 per doz.†
2	...	...	45 6 "†

† For not less than $\frac{1}{2}$ dozen.

BRABY'S ALUMINIUM WARE.

No. 2091 $\frac{1}{2}$ 

No. 2121



Registered

CYCLIST'S KNIFE.

No. 5660.

BRABY'S ALUMINIUM KNIVES (Polished).—CHAMPAGNE, SPORTSMEN'S, ANGLERS', FRUIT, CIGAR, CYCLISTS', &c.

These Knives, of the very best Sheffield make, are fitted with Handles of the Patent Aluminium Alloy. 25 to 50 ° lighter than German Silver Knives.

No. 1. Fruit Knife, Single Aluminium Blade ...	18 9 ⁺
2. Do. large Aluminium and small Steel Blade ..	24 9 ⁺
3. Penknife, large and small Steel Blade ...	24 9 ⁺

Nos. 1 and 2 make the MOST PERFECT FRUIT KNIVES.

LIGHT. UNTARNISHABLE. CLEARLY. ABSOLUTELY FREE FROM POISON.
NOT AFFECTED BY FRUIT ACIDS.

Sample Card of $\frac{1}{2}$ dozen of above illustrated, in Index Card, post free, 8^d nett.

2082. Champagne Knife, 2 $\frac{1}{2}$ in. Spear Blade, Scissors and Corkscrew ...	48 0
2084. Do. 3 $\frac{1}{2}$ in. Sheep Foot Blade, Pen Blade, Corkscrew and Champagne opener ...	42 0
2085. Do. 3 $\frac{1}{2}$ in. Spear Blade, Champagne opener and Corkscrew ...	34 6 ⁺
2086. Do. 3 $\frac{1}{2}$ in. Spear Blade, Button Hook, Corkscrew and Champagne opener ...	52 6
2087. Do. 3 $\frac{1}{2}$ in. Spear Blade, Pen Blade, Corkscrew and Champagne opener ...	48 0
2088. Do. 4-in. Spear Blade, Button Hook, Corkscrew and Champagne opener ...	60 0
2089. Pocket Knife, 3 $\frac{1}{2}$ in. Pen Blade and Button Hook ...	26 3 ⁺
2090. Cigar Knife, 3 $\frac{1}{2}$ in. Pen Blade and Cigar Fork ...	26 3 ⁺
2091. Champagne Knife, 4-in. Sheep Point Blade, Pen Blade, Corkscrew and Wire Cutter ...	57 0
2094. Angler's Knife, 8 $\frac{1}{2}$ in. long Spear Blade, Scissors & Diagonal Saw 64 0	

The New Patent. Picnic Knife (Knife, Fork and Spoon)

For Travellers, Sportsmen, Cyclists &c. (with patent Aluminium Alloy Scales). 48/- per dozen.

By the ingenious method of locking together of the three, the fork and spoon can only be detached from the knife by opening them half-way and sliding their handles downwards.

Knives of best Sheffield Steel, with Aluminium Handles.

Table Knives ...	19 6 per doz. *
Dessert " ...	18/

$\frac{1}{2}$ Half actual size, weight only 2 ozs. a. Shakkled, 4 1/8 per dozen extra

* For not less than 1 dozen

2095. Extractor or Rifle Knife, 3 $\frac{1}{2}$ -in. Shakkled Spear Blade, Pen Blade, Button Hook, Trace Borer, Corkscrew and Adjustable Cartridge Extractor... 64 0	
2097. Do. 3 $\frac{1}{2}$ -in. Shakkled Spear Blade, Button Hook, Corkscrew and Adjustable Cartridge Extractor ...	55 6
2099. Do. 3 $\frac{1}{2}$ -in. Shakkled long Spear Blade, large Scissors, Corkscrew, Adjustable Cartridge Extractor and Nail File ...	78 0
2118. Angler's Knife, 3 $\frac{1}{2}$ -in. Spear Blade, Pen Blade, Scissors, Button Hook, Corkscrew and Gimlet ...	99 0
2121. Cigar Knife, 2 $\frac{1}{2}$ -in. Cigar Fork with Cutter, Pen Blade and Pricker 30 0 ⁺	
2122. Do. 3-in. Cigar Fork, Pen Blade and Pricker ...	30 0 ⁺
2128. 2 $\frac{1}{2}$ in. Penknife, with one Steel Blade ...	12 0 ⁺
2129. 3 $\frac{1}{2}$ in. " large Steel Blade ...	12 9 ⁺
2130. 3 $\frac{1}{2}$ in. Pearl Fruit Knife, Aluminium Front and Steel Pen Blade... 36 0 ⁺	
2131. 2 $\frac{1}{2}$ in. Cigar Knife, with wire Cigar Holder (to stand up) Blade and Pricker ...	31 6 ⁺

Specially Protected.

Indispensable for Punctures.

5658. Cyclist's Knife, Steel Blade, and Rounded Tyle Lever &	23 3 ⁺
5660. Do. Large Steel Blade, and Rounded Tyle Lever and Turnerscrew File ...	31 6 ⁺

The Shilling Aluminium Penknife, with 2 steel blades ...	13 6 ⁺
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No. 5.

ALUMINIUM
SPOONS AND FORKS,
of hard light alloy.

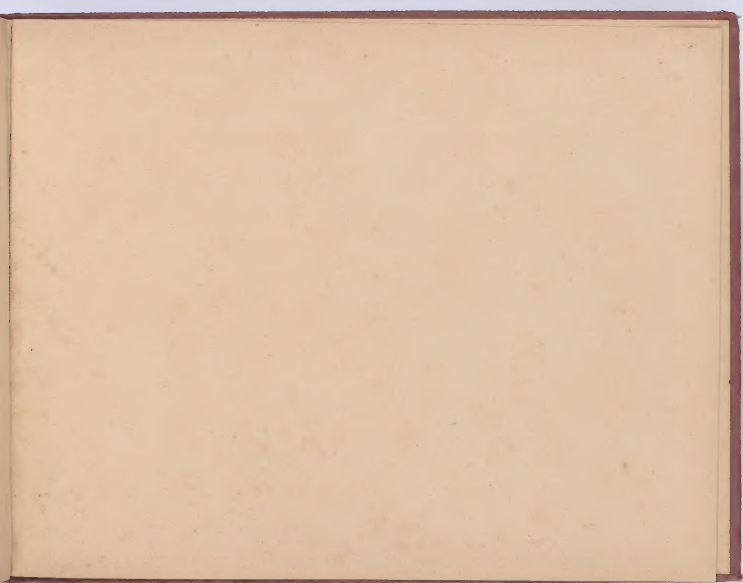
PRICES ON APPLICATION.

These must not be cleaned
with soda.

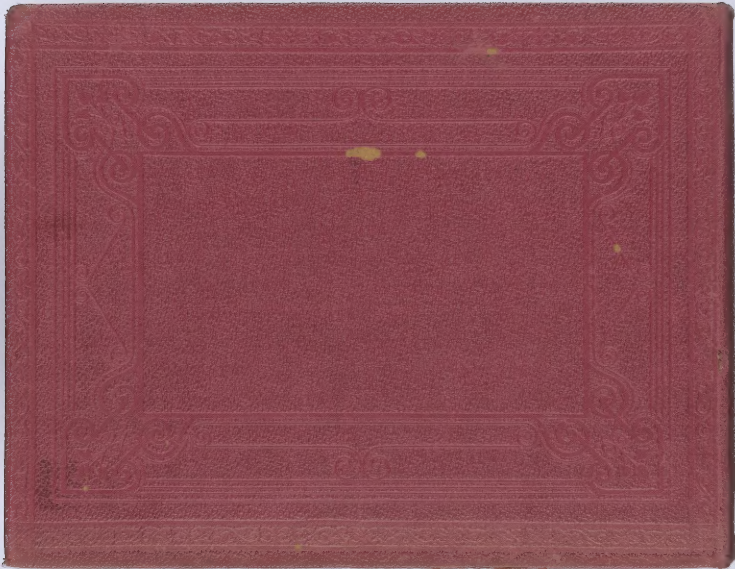
POLISH: see page 37.

b. Weight about 1 oz.
† For not less than 1 dozen.

SPECIAL ALUMINIUM INDEX, SEE PAGE 395.



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